

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/19510** (13) A2
(21) PCT/BR97/00063
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) PI 9605425-5 (32) **5 Nov/nov 1996 (05.11.1996)** (33) BR
(43) 14 May/mai 1998 (14.05.1998)
(51) Not classified / non classée
(54) SET FOR FLASK CLOSURE ENSEMBLE FERMETURE DE FLACON
- (71) **INDÚSTRIA E COMÉRCIO DE COSMÉTICOS NATURA LTDA.** [BR/BR]; Rodovia Regis Bittencourt s/n, km 293, Itapeccerica da Serra, CEP-06850-00 São Paulo, SP (BR).
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- (72, 75) **DINAND, Pierre** [FR/FR]; 12, rue Carnot, F-92300 Levallois-Perret (FR).
- (74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA;** Caixa Postal 2142, CEP-20001-970 Rio de Janeiro, RJ (BR).
- (81) CA MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (h)
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- (11) **WO 98/19511** (13) A2
(21) PCT/DK97/00511
(22) **10 Nov/nov 1997 (10.11.1997)**
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(43) 14 May/mai 1998 (14.05.1998)
(51) Not classified / non classée
(54) METHOD FOR THE PREPARATION OF CITALOPRAM PROCEDE DE PREPARATION DU CITALOPRAME
- (71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETERSEN, Hans** [DK/DK]; Guldagervej 11, DK-2720 Vanløse (DK). **BØGESØ, Klaus, Peter** [DK/DK]; Hørsholm Park 16, 2TV, DK-2970 Hørsholm (DK). **BECH SOMMER, Michael** [DK/DK]; Aldershvilevej 23 A, DK-2880 Bagsvaerd (DK).
- (74) **H. LUNDBECK A/S; MEIDAHL PETERSEN, John,** Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19512** (13) A2
(21) PCT/DK97/00513
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(43) 14 May/mai 1998 (14.05.1998)
(51) Not classified / non classée
(54) METHOD FOR THE PREPARATION OF CITALOPRAM PROCEDE DE PREPARATION DE CITALOPRAME
- (71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETERSEN, Hans** [DK/DK]; Guldagervej 11, DK-2720 Vanløse (DK). **BREGNEDAL, Peter** [DK/DK]; Gærdesmuttevej 1B, DK-3450 Allerød (DK). **BØGESØ, Klaus, Peter** [DK/DK]; Hørsholm Park 16, 2TV, DK-2970 Hørsholm (DK).
- (74) **H. LUNDBECK A/S; John Meidahl Petersen,** Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19513** (13) A2
(21) PCT/DK98/00081
(22) **3 Mar/mar 1998 (03.03.1998)**
(25) en (26) en
(31) 0826/97 (32) **8 Jul/juil 1997 (08.07.1997)** (33) DK
(31) 60/052,788 (32) **8 Jul/juil 1997 (08.07.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51) Not classified / non classée
(54) METHOD FOR THE PREPARATION OF CITALOPRAM PROCEDE DE PREPARATION DE CITALOPRAME
- (71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETERSEN, Hans** [DK/DK]; Guldagervej 9, DK-2720 Vanløse (DK).
- (74) **H. LUNDBECK A/S;** Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19514** (13) A1
(21) PCT/NL97/00606
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 1004450 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01B 69/00
(54) A SOIL WORKING IMPLEMENT MACHINE ARATOIRE
- (71) **MAASLAND N.V.** [NL/NL]; Weverskade 10, NL-3155 PD Maasland (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER LELY, Cornelis** [NL/CH]; Brüschenrain 7, CH-6300 Zug (CH). **VAN DER LELY, Ary** [NL/NL]; Weverskade 10A, NL-3155 PD Maasland (NL).
- (74) **MULDER, Herman;** Weverskade 10, NL-3155 PD Maasland (NL).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19515** (13) A1
(21) PCT/EP97/06133
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) FI96U000130 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01D 34/00, A01G 1/12
(54) ACCESSORY DEVICE FOR ROTATING-HEAD GARDEN CUTTERS DISPOSITIF ACCESSOIRE POUR COUPEUSES DE JARDIN A TETE ROTATIVE
- (71) **ARNO PLAST S.R.L.** [IT/IT]; Via Terracini, 15, Località Troghi, I-50010 Rignano Sull'Arno (IT).
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- (72, 75) **BETTINI, Pierantonio** [IT/IT]; Via degli Ulivi, 22/A, Località Cellai, I-50010 Rignano Sull'Arno (IT). **AGLIETTI, Dario** [IT/IT]; Via

Don Davitti, 21, Località San Clemente, I-50066 Reggello (IT).

- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19516** (13) A1
(21) PCT/IT97/00274
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) AN96A000035 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IT
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01D 75/20, A01G 3/06
(54) AN ACCIDENT PREVENTION DEVICE FOR EDGE TRIMMERS
DISPOSITIF DE PREVENTION DES ACCIDENTS CAUSES PAR DES DEBROUSSAILLEUSES
(71) **S.L.A.M. - S.R.L.** [IT/IT]; Frazione Propezzano, 63, I-63040 Montegalio (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SEBASTIANI, Luciano** [IT/IT]; Frazione Propezzano, 63, I-63040 Montegalio (IT).
(74) **BALDI, Claudio**; Piazza Ghislieri, 3, I-60035 Jesi (IT).
(81) BR CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/19517** (13) A1
(21) PCT/NZ97/00147
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 299695 (32) **4 Nov/nov 1996 (04.11.1996)** (33) NZ
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01G 9/02, A47G 7/02
(54) TWO-PART PLANT POT HAVING A TRANSPARENT INTERNAL PLANT-GROWING VESSEL
POT DE FLEURS EN DEUX PARTIES COMPORTANT UN RECEPTACLE INTERIEUR TRANSPARENT DE DEVELOPPEMENT DE PLANTES
(71, 72) **MURFIN, Matthew** [NZ/GB]; 49 Blackmore Crescent, Sheerwater, Woking, Surrey GU21 5NR (GB).
(74) **LYTH, Richard, John** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19518** (13) A1
(21) PCT/US97/20025
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/030,078 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01H 1/00, C12N 7/00, C12P 21/02, C07H 21/04
(54) COAT PROTEIN MEDIATED RESISTANCE IN PLANTS
RESISTANCE INDUITE PAR UNE PROTEINE DE COQUE DANS DES PLANTES
(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF KENTUCKY** [US/US]; University of Kentucky, Administration Building, Lexington, KY 40502 (US).
(72) **XU, Dongmei**; 4641 Fieldmoor Drive, Lexington, KY 40515 (US). **NIELSEN, Mark, T.**; 4700 Ironbridge Court, Lexington, KY 40515 (US). **COLLINS, Glenn, B.**; 3437 Fleetwood Drive, Lexington, KY 40502 (US).
(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19519** (13) A1
(21) PCT/SE97/01845
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 9604053-0 (32) **5 Nov/nov 1996 (05.11.1996)** (33) SE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01J 5/08
(54) A TEATCUP LINER AND A METHOD OF MANUFACTURING A TEATCUP LINER
MANCHON TRAYEUR ET SON PROCEDE DE FABRICATION
(71) **ALFA LAVAL AGRI AB** [SE/SE]; P.O. Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PETTERSON, Torbjörn, Karl, Ingemar** [SE/SE]; Rosenhed, S-646 00 Gnesta (SE).
(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19520** (13) A1
(21) PCT/NL97/00597
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 1004406 (32) **1 Nov/nov 1996 (01.11.1996)** (33) NL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01J 7/02, 5/017
(54) AN IMPLEMENT FOR AUTOMATICALLY MILKING ANIMALS
DISPOSITIF POUR TRAITE AUTOMATIQUE D'ANIMAUX
(71) **MAASLAND N.V.** [NL/NL]; Weverskade 10, NL-3155 PD Maasland (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL). **TEN CATE, Walter, Enno, Maria** [NL/NL]; Westgaag 96, NL-3155 DJ Maasland (NL).
(74) **MULDER, Herman**; Weverskade 10, NL-3155 PD Maasland (NL).
(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/19521** (13) A1
(21) PCT/AU97/00718
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) PO 3372 (32) **1 Nov/nov 1996 (01.11.1996)** (33) AU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01K 1/035
(54) PET BED
COUCHETTE POUR ANIMAL DE COMPAGNIE
(71, 72) **ALDERMAN, John, Patterson** [AU/AU]; 10 Mumbulla Street, Bermagui, NSW 2546 (AU).
(81) GB JP NZ US.

- (11) **WO 98/19522** (13) A1
(21) PCT/SE97/01625
(22) **26 Sep/sep 1997 (26.09.1997)**
(25) en (26) en
(31) 9604052-2 (32) **5 Nov/nov 1996 (05.11.1996)** (33) SE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01K 1/12, 1/015, 13/00, A01J 5/017 // E04F 15/22
(54) AN APPARATUS FOR AND A METHOD OF CONTROLLING THE POSITION OF AN ANIMAL IN A SPACE HAVING A FLOOR
APPAREIL ET PROCEDE PERMETTANT DE CONTROLER LA POSITION D'UN ANIMAL DANS UN ESPACE COMPORTANT UN PLANCHER
(71) **ALFA LAVAL AGRI AB** [SE/SE]; P.O. Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STREET, Michael, J.** [GB/GB]; 34 Cutcliffe Grove, Bedford MK40 4DD (GB).

- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19523** (13) A1
(21) PCT/JP97/03948
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) ja (26) ja
(31) 8/291555 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01K 67/027
(54) MODEL MOUSE FOR HUMAN DISEASES
SOURIS MODELE POUR MALADIES AFFEC-
TANT L'HOMME
- (71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OSHIMA, Itsuki** [JP/JP]; Gurintaunkunimoto E-103, 2099, Shinji, Konan-cho, Koka-gun, Shiga 520-33 (JP). **SOGA, Masahiko** [JP/JP]; Shionogi & Co., Ltd. Aburahi-ryo, 2496, Aburahi, Koka-cho, Koka-gun, Shiga 520-34 (JP). **MAKINO, Susumu** [JP/JP]; 1639-28, Minakuchi, Minakuchi-cho, Koka-gun, Shiga 528 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19524** (13) A1
(21) PCT/JP97/03243
(22) **12 Sep/sep 1997 (12.09.1997)**
(25) ja (26) ja
(31) 8/11176 U (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01K 85/00
(54) LURE
APPAT
- (71) **JAPAN ARTIFICIAL BAIT CO., LTD.** [JP/JP]; 1-14, Aonuma 2-chome, Kofu-shi, Yamanashi 400 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIDA, Gentaro** [JP/JP]; 1-14, Aonuma 2-chome, Kofu-shi, Yamanashi 400 (JP).
- (74) **DOBASHI, Hiroshi**; 3-24, Ikeda 3-chome, Kofu-shi, Yamanashi 400 (JP).
- (81) BR CA KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19525** (13) A1
(21) PCT/AU97/00739
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) PO 3431 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01L 7/02
(54) A HOOFED ANIMAL SHOE PAD AND CLIP
ASSEMBLY
COUSSINET POUR FER D'ONGULE ET EN-
SEMBLE DE FIXATION
- (71, 72) **BULL, Christopher, Julian** [AU/AU]; 16 Towers Road, Bridgewater, S.A. 5155 (AU). **GRUBB, Roger, Martin** [AU/AU]; 23 Bishop Street, Skye, S.A. 5072 (AU).
- (74) **MADDERNS**; 1st floor, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19526** (13) A1
(21) PCT/EP97/06175
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) MI96U000733 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01M 1/20, A61L 9/03
(54) ADJUSTABLE-INTENSITY HEATING DEVICE
FOR THE EVAPORATION OF CHEMICAL SUB-
STANCES
DISPOSITIF DE CHAUFFAGE A INTENSITE
REGLABLE, QUI EST DESTINE A FAIRE
EVAPORER DES SUBSTANCES CHIMIQUES
- (71) **ZOBELE INDUSTRIE CHIMICHE S.P.A.** [IT/IT]; Via Fersina, 4, I-38100 Trento (IT).
- (72) **ZOBELE, Franco**; Via Adamello, 28, I-38100 Trento (IT).
- (74) **FAGGIONI, Marco** et al. / etc.; Fumero Studio Consulenza Brevetti S.n.c., Via S. Agnese, 12, I-20123 Milano (IT).
- (81) AU BR KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19527** (13) A2
(21) PCT/US97/20312
(22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
(31) 08/746,003 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01N
(54) METHOD, COMPOSITION AND APPARATUS
FOR REPELLING INSECTS UTILIZING ACO-
NITIC ACID
PROCEDE, COMPOSITION ET APPAREIL DE
REPULSION D'INSECTES AU MOYEN D'ACID
ACONITIQUE
- (71, 72) **BROWN, Raymond, K.** [US/US]; Apartment 105-A, 140 West 69th Street, New York, NY 10023 (US).
- (74) **STEIN, Mitchell, A.**; Stein & Associates, P.C., 25th floor, 461 Fifth Avenue, New York, NY 10017 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19528** (13) A1
(21) PCT/US97/12130
(22) **19 Jun/juin 1997 (19.06.1997)**
(25) en (26) en
(31) 08/667,449 (32) **20 Jun/juin 1996 (20.06.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01N 1/02, B04B 5/02, 3/08, 7/02, 15/06
(54) CELL WASH APPARATUS AND METHOD
APPAREIL ET PROCEDE DE LAVAGE DE CEL-
LULES
- (71, 72) **CHASE, Eric** [US/US]; 1312 Chesterton Way, Walnut Creek, CA 94596 (US). **NORTH, Howard, L., Jr.** [US/US]; 100 Via Santa Maria, Los Gatos, CA 95032 (US). **SCHULTE, Harvey** [US/US]; 1060 Golden Way, Los Altos, CA 94024 (US).
- (74) **HILLMAN, James, P.**; 45010 Pawnee Drive, Fremont, CA 94539 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19529** (13) A1
(21) PCT/US97/20483
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,700 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(31) 08/819,317 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A01N 1/02
(54) A METHOD FOR RAPID COOLING AND WAR-
MING OF BIOLOGICAL MATERIALS
PROCEDE POUR LE REFROIDISSEMENT ET
LE RECHAUFFEMENT RAPIDES DE MATE-
RIAUX BIOLOGIQUES
- (71) **21ST CENTURY MEDICINE, INC.** [US/US]; 10743 Civic Center Drive, Rancho Cucamonga, CA 91730 (US).

- (72) **WOWK, Brian, G.**; 35 Eastmont Drive, Winnepeg, Manitoba R2N 3W7 (CA). **FEDEROWICZ, Michael, G.**; 4447 Tenth Street, Riverside, CA 92501 (US). **RUSSELL, Sandra, R.**; 552 Lomas Santa Fe Drive, Solana Beach, CA 92075 (US). **HARRIS, Steven, B.**; 2630 Stringham Avenue #A115, Salt Lake City, UT 84109 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19530** (13) A1
- (21) PCT/JP97/03924
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) ja (26) ja
- (31) 8/294203 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
- (31) 8/295366 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
- (31) 8/299059 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
- (31) 8/299073 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A01N 25/00, G06F 17/00
- (54) METHOD OF SIMULATING INDOOR BEHAVIOR OF ACTIVATED COMPOUND AGAINST HARMFUL ORGANISM
PROCEDE DE SIMULATION DU COMPORTEMENT EN MILIEU INTERNE DE COMPOSES QUI SONT ACTIVES CONTRE DES ORGANISMES NOCIFES
- (71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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- (72, 75) **MATOBA, Yoshihide** [JP/JP]; 8-13-504, Kamiyamada, Suita-shi, Osaka 565 (JP). **MATSUO, Masatoshi** [JP/JP]; 4-12-5, Nakayamasatsukidai, Takarazuka-shi, Hyogo 665 (JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; Soei International Patent Firm, 6F, Kyobashi National Building, 13-10, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).
- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19531** (13) A1
- (21) PCT/EP97/05932
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) de (26) de
- (31) 196 45 842.0 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A01N 25/10, C08G 69/44
- (54) PLANT-TREATMENT AGENTS
AGENTS DE PHYTOTRAITEMENT

- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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- (72, 75) **SIMON, Joachim** [DE/DE]; Am Broichgraben 62 d, D-40589 Düsseldorf (DE). **MÜLLER, Hanns, Peter** [DE/DE]; Hollweg 20, D-51519 Odenthal (DE). **PRIESNITZ, Uwe** [DE/DE]; Severinstrasse 60, D-42657 Solingen (DE). **RAST, Hans-Georg** [DE/DE]; Rommerscheider Höhe 10, D-51465 Bergisch Gladbach (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19532** (13) A2
- (21) PCT/EP97/05933
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) de (26) de
- (31) 196 45 919.2 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A01N 25/10, 25/32
- (54) ACTIVE-SUBSTANCE-CONTAINING MOULDED BODIES BASED ON BIODEGRADABLE THERMOPLASTICALLY PROCESSABLE POLYMERS
CORPS MOULES CONTENANT UN PRINCIPE ACTIF, A BASE DE POLYMERES BIODEGRADABLES POUVANT SUBIR DES TRAITEMENTS THERMOPLASTIQUES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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- (72, 75) **MÜLLER, Hanns, Peter** [DE/DE]; Hollweg 20, D-51519 Odenthal-Höffe (DE). **HACKEMÜLLER-BRUNS, Doris** [DE/DE]; Norfer Strasse 19, D-40221 Düsseldorf (DE). **GRUTTMANN, Horst** [DE/DE]; Jakob-Kaiser-Strasse 3, D-51375 Leverkusen (DE). **HEESCHEN, Kerstin** [DE/DE]; Am Falkenberg 4, D-51381 Leverkusen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19533** (13) A1
- (21) PCT/US97/20334
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 08/744.593 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ A01N 33/04, C05G 3/00
- (54) METHOD FOR INCREASING FERTILIZER EFFICIENCY
PROCEDE POUR ACCROITRE L'EFFICACITE D'UN FERTILISANT
- (71) **AUXEIN CORPORATION** [US/US]; Suite B, 3125 Sovereign Drive, Lansing, MI 48911 (US).
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- (72, 75) **KINNERSLEY, Alan, M.** [US/US]; 447 Kensington Road, E. Lansing, MI 48823 (US). **COLEMAN, Robert, D.** [US/US]; 4249 Mariner Lane, Okemos, MI 48864 (US). **KINNERSLEY, Cheng-Yuh** [US/US]; 447 Kensington Road, E. Lansing, MI 48823 (US). **MCINTYRE, John, L.** [US/US]; 10885 84th Street, Alto, MI 49302 (US).
- (74) **HENRY, Thomas, Q.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19534** (13) A1
- (21) PCT/EP97/05883
- (22) **24 Oct/oct 1997 (24.10.1997)**
- (25) de (26) de
- (31) 196 45 661.4 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
- (31) 197 18 200.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A01N 33/12, 25/10, C08B 11/12
- (54) THERMOPLASTIC POLYSACCHARIDE SALTS
SELS DE POLYSACCHARIDE THERMOPLASTIQUES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIMON, Joachim** [DE/DE]; Am Broichgraben 62d, D-40589 Düsseldorf (DE). **MÜLLER, Hanns-Peter** [DE/DE]; Hollweg 20, D-51519 Odenthal (DE). **ENGELHARDT, Jürgen** [DE/DE]; Heymannstrasse 36, D-51373 Leverkusen (DE). **KOCH, Wolfgang** [DE/DE]; An der Warnau 40, D-29699 Bomlitz (DE). **MÜLLER, Volkhard** [DE/DE]; Am Habichtskamp 43, D-29699 Bomlitz (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19535** (13) A1
- (21) PCT/IT97/00256
- (22) **20 Oct/oct 1997 (20.10.1997)**

- (25) en (26) en
 (31) RM96A000755 (32) **4 Nov/nov 1996** (33) IT
 (04.11.1996)
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 33/12, A61L 15/46, 15/20, A61F 13/15 //
 (A01N 33/12, 37:40)
 (54) DISINFECTANT COMPOSITION, PARTICULARLY FOR THE PREVENTION OF DERMATITIS INDUCED BY DIAPERS, AND METHOD FOR ITS USE
 COMPOSITION DESINFECTANTE NOTAMMENT DESTINEE A LA PREVENTION DES DERMATITES CAUSEES PAR LES COUCHES-CULOTTES, ET PROCEDE D'UTILISATION DE CETTE COMPOSITION
 (71) **GEYMONAT S.P.A.** [IT/IT]; Via S. Anna, 2, I-03012 Anagni (IT).
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 (72, 75) **RISICATO, Claudio** [IT/IT]; Via Monpiliieri, 73, I-95030 Mascalcucia (IT).
 (74) **BANCHETTI, Marina** et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19536** (13) A1
 (21) PCT/AU97/00734
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) PO 3367 (32) **1 Nov/nov 1996** (33) AU
 (01.11.1996)
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 35/02, 35/04, A61L 2/16
 (54) READY-TO-USE GLUTARALDEHYDE CONCENTRATES
 CONCENTRES DE GLUTARALDEHYDE PRETS A L'EMPLOI
 (71) **WHITELEY INDUSTRIES PTY. LTD.** [AU/AU]; 595 Gardeners Road, Mascot, NSW 2020 (AU).
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 (72, 75) **WHITELEY, Reginald, Keith** [AU/AU]; 18 Glenside Street, Balgowlah Heights, NSW 2093 (AU).
 (74) **SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19537** (13) A1
 (21) PCT/EP97/05826
 (22) **22 Oct/oct 1997 (22.10.1997)**

- (25) de (26) de
 (31) 196 45 250.3 (32) **2 Nov/nov 1996** (33) DE
 (02.11.1996)
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 37/46 // (A01N 37/46, 25:22)
 (54) STABLE AQUEOUS FORMULATION OF 3-(N-BUTYLACETAMINO)-PROPIONIC ACID ETHYL ESTER
 FORMULATION AQUEUSE STABLE DE 3-(N-BUTYLACETAMINO)-ETHYLESTER D'ACIDE PROPIONIQUE
 (71) **MERCK PATENT GMBH** [DE/DE]; D-64271 Darmstadt (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KURZ, Thekla** [DE/DE]; Bessunger Strasse 83 A, D-64285 Darmstadt (DE). **HITZEL, Sabine** [DE/DE]; Langgasse 34, D-64409 Messel (DE). **WILLE, Dorothee** [DE/DE]; In den Wingerten 29, D-64291 Darmstadt (DE). **JALALIAN, Mohammad** [DE/DE]; Ludwigsplatz 8 A, D-64283 Darmstadt (DE).
 (74) **MERCK PATENT GMBH**; D-64271 Darmstadt (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19538** (13) A1
 (21) PCT/EP97/05958
 (22) **29 Oct/oct 1997 (29.10.1997)**
 (25) de (26) de
 (31) 196 45 920.6 (32) **7 Nov/nov 1996** (33) DE
 (07.11.1996)
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 37/46 // (A01N 37/46, 31:02, 25:22)
 (54) STABLE FORMULATION FOR AN INSECT REPELLENT
 FORMULATION STABLE D'UN REPULSIF CONTRE LES INSECTES
 (71) **MERCK PATENT GMBH** [DE/DE]; D-64271 Darmstadt (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KURZ, Thekla** [DE/DE]; Bessunger Straße 83 A, D-64285 Darmstadt (DE). **HITZEL, Sabine** [DE/DE]; Langgasse 34, D-64409 Messel (DE). **WILLE, Dorothee** [DE/DE]; In den Wingerten 29, D-64291 Darmstadt (DE). **JALALIAN, Mohammad** [IR/DE]; Ludwigsplatz 8 A, D-64283 Darmstadt (DE).
 (74) **MERCK PATENT GMBH**; D-64271 Darmstadt (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19539** (13) A1
 (21) PCT/GB97/02827
 (22) **14 Oct/oct 1997 (14.10.1997)**
 (25) en (26) en
 (31) 9622926.5 (32) **4 Nov/nov 1996** (33) GB
 (04.11.1996)
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 37/46
 (54) FUNGICIDAL COMPOSITION COMPRISING AN ACYLAMINO BENZAMIDE (COMPOUND A) AND PROCESS FOR PREPARING COMPOUND A
 COMPOSITION FONGICIDE COMPRENANT UN ACYLAMINO BENZAMIDE (COMPOSE A) ET PROCEDE POUR PREPARER LE COMPOSE A
 (71) **ZENECALIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HEANEY, Stephen, Paul** [GB/GB]; Jealott's Hill Research Station, Bracknell, Berkshire RG42 6EY (GB). **LAWSON, Kevin, Robert** [GB/GB]; Jealott's Hill Research Station, Bracknell, Berkshire RG42 6EY (GB). **FOSTER, Nicholas, Russell** [GB/GB]; Jealott's Hill Research Station, Bracknell, Berkshire RG42 6EY (GB).
 (74) **TIERNEY, Francis, John** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19540** (13) A1
 (21) PCT/US96/17660
 (22) **4 Nov/nov 1996 (04.11.1996)**
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 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A01N 43/04, 63/00, A61K 31/70, 48/00, C07H 21/04, C12N 5/00, 5/06, 15/06
 (54) *IN VIVO* SELECTION OF PRIMITIVE HEMATOPOIETIC CELLS
 PROCEDE DE SELECTION IN VIVO DE CELLULES HEMATOPOIETIQUES PRIMITIVES
 (71) **SAINT JUDE CHILDREN'S RESEARCH HOSPITAL** [US/US]; Office of Technology Licensing, 332 North Lauderdale Street, Memphis, TN 31085-2794 (US).
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 (74) **PERRYMAN, David, G.** et al. / etc.; Needle & Rosenberg, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).
 (81) AU CA JP MX US.

- (11) **WO 98/19541** (13) A1
 (21) PCT/US97/19926
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/748,559 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A01N 43/04, A61K 31/70, 51/00, A61M 36/14

(54) METHODS AND COMPOSITIONS FOR TREATING AND DIAGNOSING TUMORS USING ADENOSINE RECEPTOR ACTIVATED CELLS PROCEDES ET COMPOSITIONS DE TRAITEMENT ET DE DIAGNOSTIC DE TUMEURS METTANT EN OEUVRE DES CELLULES ACTIVÉES DU RECEPTEUR DE L'ADENOSINE

(71) **LINK TECHNOLOGY, INC.** [US/US]; P.O. Box 97183, Raleigh, NC 27624 (US).
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(74) **BENNETT, Virginia, C.**; Myers, Bigel, Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (31) 08/745,387 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A01N 47/34, C07C 275/54

(54) NEW BENZOYLPHENYLUREA INSECTICIDES AND METHODS OF USING CERTAIN BENZOYLPHENYLUREAS TO CONTROL COCKROACHES, ANTS, FLEAS, AND TERMITES NOUVEAUX INSECTICIDES DE BENZOYLPHENYL UREE ET PROCEDES D'UTILISATION DE CERTAINS BENZOYLPHENYL UREES DANS LA LUTTE CONTRE LES CAFARDS, LES FOURMIS, LES PUCES ET LES TERMITES

(71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) **SBRAGIA, Ronald, J.**; 3545 Cedar Ravine Road, Placerville, CA 95667 (US). **JOHNSON, George, W.**; 6715 Knollcreek Drive, Indianapolis, IN 46256 (US). **KARR, Laura, L.**; 800 N. 200 E., Lebanon, IN 46052 (US). **EDWARDS, Jeff, M.**; Route 1, Box 47, Torrington, WY 82240 (US). **SCHNEIDER, Brian, M.**; 75 Red Oak Lane, Carmel, IN 46033 (US).

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(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (31) 60/029,747 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A01N 47/34, C07C 275/54

(54) NEW BENZOYLPHENYLUREA INSECTICIDES AND METHODS OF USING CERTAIN BENZOYLPHENYLUREAS TO CONTROL COCKROACHES, ANTS, FLEAS, AND TERMITES INSECTICIDES A BASE DE BENZOYLPHENYLUREE ET PROCEDES D'UTILISATION DE CERTAINES BENZOYLPHENYLUREES POUR LA LUTTE CONTRE LES BLATTES, LES FOURMIS, LES MOUCHES ET LES TERMITES

(71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) **SBRAGIA, Ronald, J.**; 3545 Cedar Ravine Road, Placerville, CA 95667 (US). **JOHNSON, George, W.**; 6715 Knollcreek Drive, Indianapolis, IN 46256 (US). **KARR, Laura, L.**; 800 N. 200 E., Lebanon, IN 46052 (US). **EDWARDS, Jeff, M.**; Route 1, Box 47, Torrington, WY 82240 (US). **SCHNEIDER, Brian, M.**; 75 Red Oak Lane, Carmel, IN 46033 (US).

(74) **STUART, Donald, R.**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19544** (13) A1
 (21) PCT/JP97/04031
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) ja (26) ja
 (31) 8/294835 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(31) 8/303039 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(31) 9/15794 (32) **30 Jan/jan 1997 (30.01.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A01N 57/20 // (A01N 57/20, 57:12, 57:14, 43:16, 37:00, 59:06)

(54) CROP-SELECTIVE HERBICIDES HERBICIDES PRESENTANT UNE SELECTIVITE POUR DES RECOLTES

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103 (JP).
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(72, 75) **HORIBE, Yoshimichi** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu-cho, Yasu-gun, Shiga-ken 520-23 (JP). **AMAGASA, Tadashi** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu-cho, Yasu-gun, Shiga-ken 520-23 (JP). **SATO, Kazuo** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu-cho, Yasu-gun, Shiga-ken 520-23 (JP). **TSUKIYAMA, Takahiro** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu-cho, Yasu-gun, Shiga-ken 520-23 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Shin-Tokyo Building, Room 646, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19545** (13) A1

(21) PCT/US96/17797

(22) **6 Nov/nov 1996 (06.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A01N 63/00, A61K 31/70, 31/495, 31/50

(54) COMPOSITION AND METHOD FOR THE TREATMENT OF VAGINAL YEAST INFECTIONS COMPOSITION ET PROCEDE DE TRAITEMENT DES INFECTIONS VAGINALES PROVOQUEES PAR DES LEVURES

(71, 72) **REINHARD, Mark, S.** [US/US]; 1148 Tiller Ridge Drive, Richmond, VA 23235 (US). **BURLINGHAM, Byron, T.** [US/US]; Route 4, Greenville, NC 27834 (US).

(74) **PHILIPS, Michael, R.** et al. / etc.; Olive & Olive, P.A., P.O. Box 2049, Durham, NC 27702 (US).

(81) AL AU BB BG BR CA CN CU CZ GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19546** (13) A1

(21) PCT/HU97/00068

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) P 96 03027 (32) **1 Nov/nov 1996 (01.11.1996)** (33) HU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A21C 1/02

(54) PROCESS AND ADAPTER FOR PASTA PRODUCTION PROCEDE ET ADAPTEUR POUR LA PRODUCTION DE PATES

(71, 72) **BÓDI, Antal** [HU/HU]; Szigethy Attila út 86, V/17, H-9023 Győr (HU).

(74) **DANUBIA**; P.O. Box 198, H-1368 Budapest (HU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19547** (13) A1

(21) PCT/AT97/00241

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) A 1931/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A21C 15/00

(54) DEVICE FOR TREATING STARCH-BASED PRODUCTS
PROCEDE DE TRAITEMENT DE PRODUITS A BASE D'AMIDON

(71) **FRANZ HAAS WAFFELMASCHINEN INDUSTRIEGESELLSCHAFT M.B.H.** [AT/AT]; Pragerstrasse 124, A-1210 Wien (AT).
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(72, 75) **HAAS, Franz, Jun.** [AT/AT]; Wildpretmarkt 1/12, A-1010 Wien (AT).

(74) **BERGER, Erhard;** Siebensterngasse 39, A-1070 Wien (AT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19548** (13) A2

(21) PCT/DE97/02510

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 46 752.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A21D 13/00, 8/06

(54) METHOD FOR PRODUCING A ONE-WAY CONTAINER, AND MOULD NEEDED FOR THE APPLICATION
MODE DE FABRICATION D'UN CONTENEUR NON RETOUR ET MOULE REQUIS POUR LE PROCEDE

(71, 72) **THIELE, Marion** [DE/DE]; Bärensteiner Strasse 16/18, D-01277 Dresden (DE). **LINKE, Wolfgang** [DE/DE]; Bärensteiner Strasse 16/18, D-01277 Dresden (DE).

(74) **LIPPERT, STACHOW, SCHMIDT & PARTNER;** P.O. Box 19 24 38, D-01282 Dresden (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19549** (13) A1

(21) PCT/AT96/00215

(22) **5 Nov/nov 1996 (05.11.1996)**

(25) de (26) de

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A21D 13/08, A21C 11/10, 15/02

(54) PROCESS AND DEVICE FOR PRODUCING SWEETS, SWEETS PRODUCED BY THIS PROCESS
PROCEDE ET DISPOSITIF DE PRODUCTION DE CONFISERIES, CONFISERIES PRODUITES SELON CE PROCEDE

(71) **MASTER FOODS AUSTRIA GESELLSCHAFT MBH** [AT/AT]; Eisenstädter Strasse 80, A-7091 Breitenbrunn (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRAGANITSCH, Karl, J.** [AT/AT]; Bahnstrasse 83, A-7082 Donnerskirchen (AT). **BAX, Thomas** [AT/AT]; Erdbergstrasse 74/33, A-1030 Wien (AT). **MIGSCHITZ, Alfred** [AT/AT]; Neubaugasse 7a, A-7062 St. Margarethen (AT).

(74) **ATZWANGER, Richard;** Mariahilfer Strasse 1c, A-1060 Wien (AT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19550** (13) A1

(21) PCT/GB97/02904

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9622753.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A22C 9/00

(54) IMPROVED METHOD OF RAPIDLY MATURING A RAW CARCASS
PROCEDE PERFECTIONNE POUR LA MATURATION RAPIDE DES CARCASSES CRUES

(71) **MOY PARK LIMITED** [GB/GB]; The Food Park, 39 Seagoe Industrial Estate, Craigavon BT63 5QE (GB).

(71, 72) **ELDER, Mark** [GB/GB]; 14 Woodford Heights, Cavancaw, Armagh BT60 2DY (GB). **DUNN, Adele** [GB/GB]; 13 The Knockans, Broughshane, County Antrim BT43 7LQ (GB).

(74) **ROYSTONS;** Tower Building, Water Street, Merseyside, Liverpool L3 1BA (GB).

(81) BR CN HU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19551** (13) A1

(21) PCT/EP97/05890

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) de (26) de

(31) 196 45 276.7 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A22C 13/00

(54) POLYAMIDE-BASED SAUSAGE SKIN WHICH CAN BE FILLED MANUALLY
BOYAU ARTIFICIEL POUR SAUCISSES A BASE DE POLYAMIDE, POUVANT ETRE REMPLI MANUELLEMENT

(71) **KALLE NALO GMBH** [DE/DE]; Rheingastrasse 190-196, D-65203 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELIUS, Ulrich** [DE/DE]; Geisenheimer Strasse 88, D-60529 Frankfurt (DE).

(74) **SCHWEITZER, Klaus** et al. / etc.; Hoechst Aktiengesellschaft, Patent- und Lizenzabteilung, Industriepark Kalle-Albert, D-65174 Wiesbaden (DE).

(81) CA HU JP PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19552** (13) A1

(21) PCT/EP97/06261

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) en (26) en

(31) 296 19 439.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(31) 197 44 305.2 (32) **7 Oct/oct 1997 (07.10.1997)** (33) DE

(31) Not furnished / non communiqué (32) **5 Nov/nov 1997 (05.11.1997)** (33) US

(31) Not furnished / non communiqué (32) **6 Nov/nov 1997 (06.11.1997)** (33) US

(31) Not furnished / non communiqué (32) **7 Nov/nov 1997 (07.11.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A22C 17/04

(54) METHOD AND APPARATUS FOR SEPARATING COMPONENTS HAVING DIFFERENT VISCOSITIES AND/OR SIZES FROM A COMPOSITION
PROCEDE ET APPAREIL SERVANT A SEPARER DES CONSTITUANTS POSSEDANT DES VISCOSITES OU DES DIMENSIONS DIFFERENTES DEPUIS UNE COMPOSITION

(71) **NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG** [DE/DE]; Geniner Strasse 249, D-23560 Lübeck (DE). **BAADER NORTH AMERICA CORP.** [US/US]; P.O. Box 9504, Ft. Myers, FL 33906-9504 (US).

(72) **LANDAHL, Siegfried;** Apartment 66101, 5622 S. 235 Street, Kent, WA 98032 (US). **REINKE, Klaus;** Püttenhorst 117, D-21035 Hamburg (DE). **WULF, Michael;** Apartment 1836, 13615 Eagle Ridge Drive, Ft. Myers, FL 22912 (US).

(74) **NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG;** Geniner Strasse 249, D-23560 Lübeck (DE).

(81) BR JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19553** (13) A1

(21) PCT/EP97/05921

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 96307975.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

- (34) GB et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23D 7/00, A23L 1/19
- (54) STABLE COCONUT CREAM ALTERNATIVE VARIANTE STABLE DE CREME DE NOIX DE COCO
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG US ZW)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG ZW)
- (72, 75) **GRANT, Elizabeth, R.** [GB/GB]; Unilever Research Colworth, Laboratory Colworth House, Sharnbrook, Bedford MK44 1LQ (GB). **NORTON, Ian, Timothy** [GB/GB]; Unilever Research Colworth, Laboratory Colworth House, Sharnbrook, Bedford MK44 1LQ (GB). **FOSTER, Timothy, J.** [GB/GB]; Unilever Research Colworth, Laboratory Colworth House, Sharnbrook, Bedford MK44 1LQ (GB). **UNDERDOWN, Jeffrey** [GB/GB]; Unilever Research Colworth, Laboratory Colworth House, Sharnbrook, Bedford MK44 1LQ (GB). **KIMSEY, Ian, Michel** [GB/GB]; Unilever Research Colworth, Laboratory Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).
- (74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19554** (13) A1
- (21) PCT/EP97/05586
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) en (26) en
- (31) 96203096.1 (32) **6 Nov/nov 1996 (06.11.1996)** (33) EP
- (34) NL et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23D 9/00, 7/00, 7/02
- (54) TRIGLYCERIDE FAT CRYSTALLIZATION CRISTALLISATION DE GRAISSE DE TRIGLYCERIDE
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)
- (72) **LANSBERGEN, Gabriel, Jacobus, T.**; Unilever Research Vlaardingen Laboratory, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **SASSEN, Cornelis, Laurentius**; Unilever Research Vlaardingen Laboratory, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **SCHURMAN, John**; Van den Bergh Foods Company, 3701 Southwestern Boulevard, Baltimore, MD 21229 (US).
- (74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (NL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19555** (13) A1
- (21) PCT/CZ97/00038
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) PV 3268-96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CZ
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23D 9/007, 7/00, A61K 31/455, 31/23, 31/66, 31/685
- (54) FAT WITH SPECIFIC ANTISCLEROSIS EFFECTS MATIERES GRASSES AVEC DES EFFETS ANTI-SCLEROTIQUES
- (71) **MILO OLOMOUC, A.S.** [CZ/CZ]; Šantova 14, 771 59 Olomouc (CZ).
- (72) **ŠIMEK, Jiří**; Lazecká 44, 772 00 Olomouc (CZ).
- (74) **ANDRÉS, Mirek**; Belidelská 12, 772 00 Olomouc (CZ).
- (81) EE HU LT LV PL SK UA; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/19556** (13) A1
- (21) PCT/FI97/00669
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 08/740,845 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23D 9/013, 7/00, A23L 1/30
- (54) TEXTURIZING COMPOSITIONS FOR USE IN FAT BLENDS IN FOOD COMPOSITIONS DE TEXTURE UTILISEES DANS DES MELANGES GRAS POUR PRODUITS ALIMENTAIRES
- (71) **RAISIO YHTYMÄ OYJ** [FI/FI]; P.O. Box 101, FIN-21201 Raisio (FI).
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- (72, 75) **WESTER, Ingmar** [FI/FI]; Nuijakuja 5A, FIN-21260 Raisio (FI).
- (74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/19557** (13) A1
- (21) PCT/EP97/06003
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) 2692/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) CH
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23G 3/20, 3/28, 3/00, 1/00
- (54) A METHOD FOR MANUFACTURING A GARNISHED FOOD PRODUCT AND A GARNISHED FOOD PRODUCT PRODUCED BY THIS METHOD PRODUIT ALIMENTAIRE FOURRE ET SON PROCEDE DE FABRICATION
- (71) **SOREMARTEC S.A.** [BE/BE]; Drève de l'Arc-en-Ciel 102, B-6700 Schoppach-Arlon (BE).
(for all designated States except / pour tous les États désignés sauf DE IT US)
- (71) **FERRERO S.P.A.** [IT/IT]; Piazzale Pietro Ferrero, 1, I-12051 Alba (IT).
(only for / seulement pour IT)
- (71) **FERRERO OFFENE HANDELSGESELLSCHAFT M.B.H.** [DE/DE]; Hainer Weg 120, D-6000 Frankfurt am Main 70 (DE).
(only for / seulement pour DE)
- (72, 75) **PEDROTTO, Gianfranco** [IT/IT]; Località Bonora, 26/B, I-12050 Neviglie (IT).
- (74) **BOSOTTI, Luciano** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/19558** (13) A1
- (21) PCT/IE97/00073
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 960771 (32) **4 Nov/nov 1996 (04.11.1996)** (33) IE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23G 3/30
- (54) CHEWING GUMS AND METHOD OF MANUFACTURING THE SAME CHEWING-GUMS ET PROCEDE DE FABRICATION DE CES DERNIERS
- (71, 72) **FOLAN, Michael, Anthony** [IE/IE]; Westgate, Lough Eske, Donegal Town, County Donegal (IE).
- (74) **ANNE RYAN & CO.**; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).
- (81) AU BR CA CN CZ EE GE HU IL JP KE KR NO NZ PL SG US YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/19559** (13) A1
- (21) PCT/DK97/00570
- (22) **5 Nov/nov 1997 (05.11.1997)**

- (25) en (26) en
- (31) 1244/96 (32) **5 Nov/nov 1996** (33) DK
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23G 9/04
- (54) A METHOD AND AN APPARATUS FOR PRODUCING A MIXED MASS, PREFERABLY AN ICE-CREAM
PROCEDE ET APPAREIL DE FABRICATION D'UNE MASSE MELANGEE, DE PREFERENCE UNE GLACE
- (71) **GRAM A/S** [DK/DK]; Aage Grams Vej 1, DK-6500 Vojens (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AGERGAARD, Povl** [DK/DK]; Hejrevej 9, DK-6500 Vojens (DK).
- (74) **PATRADE A/S**; Store Torv 1, DK-8000 Aarhus C (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19560** (13) A1
- (21) PCT/NO97/00279
- (22) **22 Oct/oct 1997** (22.10.1997)
- (25) en (26) en
- (31) 964645 (32) **1 Nov/nov 1996** (33) NO
(01.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23K 1/18
- (54) METHOD FOR PRODUCTION OF FEED FOR SALMONIDES AND FEED FOR SALMONIDES
PROCEDE DE PRODUCTION D'ALIMENTS POUR SALMONIDES, ET ALIMENTS AINSI OBTENUS
- (71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSEN, Freddy** [NO/NO]; Grenseveien 28, N-1927 Rånåsfoss (NO). **HJØRNEVIK, Leif** [NO/NO]; St. Hansgt. 3, N-3714 Skien (NO). **RINGDAL, Ole** [NO/NO]; Korpeliveien 35, N-3928 Porsgrunn (NO).
- (74) **SUNDNES, Arne**; Norsk Hydro ASA, N-0240 Oslo (NO).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19561** (13) A1
- (21) PCT/SE97/01850
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) en (26) en
- (31) 9604077-9 (32) **7 Nov/nov 1996** (33) SE
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23K 1/18, 1/10
- (54) METHOD FOR CONTINUOUS PRODUCTION OF DRY FEED FOR FISH AND SHELL FISH
PROCEDE DE PRODUCTION EN CONTINU D'ALIMENTS SECS POUR DES POISSONS ET DES INVERTEBRES AQUATIQUES A COQUILLE
- (71) **ALFA LAVAL AB** [SE/SE]; Hans Stahles väg, S-147 80 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KOSSMANN, Heinrich** [DE/SE]; Kvällsvägen 2, S-146 31 Tullinge (SE). **LUDVIGSEN, Bent** [DK/DK]; Nordre Fasanvej 3, DK-2000 København F (DK).
- (74) **CLIVEMO, Ingemar**; Alfa Laval AB, Hans Stahles väg, S-147 80 Tumba (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19562** (13) A1
- (21) PCT/US97/18434
- (22) **15 Oct/oct 1997** (15.10.1997)
- (25) en (26) en
- (31) 08/743,207 (32) **5 Nov/nov 1996** (33) US
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23L 1/00
- (54) METHOD OF MANUFACTURING SYRUP-INFUSED FOOD PIECES
PROCEDE DE FABRICATION DE PRODUITS ALIMENTAIRES INFUSES DANS UN SIROP
- (71) **MJM TECHNOLOGIES, L.L.P.** [US/US]; 5810 Stacy Trail, P.O. Box 177, Stacy, MN 55079-0177 (US).
- (72) **KAZEMZADEH, Massoud**; 10025 Beard Avenue South, Bloomington, MN 55431 (US).
- (74) **DAIGNAULT, Ronald, A.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 1000 Northwest Center, 55 East 5th Street, St. Paul, MN 55101 (US).
- (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19563** (13) A1
- (21) PCT/US96/17824
- (22) **7 Nov/nov 1996** (07.11.1996)
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23L 1/31, 1/314
- (54) HYDROLIZED FOOD PRODUCT AND PROCESS OF MAKING
- PRODUIT ALIMENTAIRE HYDROLYSE ET PROCEDE DE FABRICATION
- (71) **MJM TECHNOLOGIES, L.L.P.** [US/US]; 5810 Stacy Trail, Stacy, MN 55079 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAZEMZADEH, Massoud** [US/US]; 10025 Beard Avenue S., Bloomington, MN 55431 (US).
- (74) **NIEBUHR, Frederick, W.** et al. / etc.; Suite 820, 900 2nd Avenue South, Minneapolis, MN 55402 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19564** (13) A1
- (21) PCT/NL97/00601
- (22) **4 Nov/nov 1997** (04.11.1997)
- (25) en (26) en
- (31) 1004464 (32) **7 Nov/nov 1996** (33) NL
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23L 2/60, 1/236
- (54) SWEET-STABLE SOFT DRINKS, CONCENTRATES AND SYRUPS WITH DIPEPTIDE SWEETENER AND FRUCTAN
BOISSONS SANS ALCOOL, CONCENTRES ET SIROPS A GOUT SUCRE STABLE CONTENANT UN EDULCORANT DIPEPTIDIQUE ET DU FRUCTOSANE
- (71) **HOLLAND SWEETENER COMPANY V.O.F.** [NL/NL]; Blekerij 52, NL-6212 XW Maastricht (NL). **COÖPERATIE COSUN U.A.** [NL/NL]; Oostelijke Havendijk 15, NL-4704 RA Roosendaal (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ADMIRAAL, Alida, Geertruida, Maria** [NL/NL]; Dijkcentrum 79, NL-4706 LC Roosendaal (NL). **ROOYAKKERS, Maria, Mathilda, Arnolda** [NL/NL]; Fluwijnberg 49, NL-4708 CA Roosendaal (NL). **HOEK, Annette, Catherina** [NL/NL]; Laurastraat 73, NL-6471 JH Kerkrade (NL).
- (74) **DAUTZENBERG, Jozef, Andrea, Marie**; Oostroibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19565** (13) A1
- (21) PCT/US97/20216
- (22) **7 Nov/nov 1997** (07.11.1997)
- (25) en (26) en
- (31) 60/031,106 (32) **8 Nov/nov 1996** (33) US
(08.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A23L 3/358, 2/68, 1/03, C01B 25/30, A61K 47/04, 7/16, A23K 1/175

(54) EDIBLE PRESERVATIVE AND ACIDULANT COMPOSITION
COMPOSITION D'ACIDULANT ET DE CONSERVATEUR ALIMENTAIRES

(71) **MONSANTO COMPANY** [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

(72) **GLASCOCK, Joan, K.**; 41 Beaver Drive, St. Louis, MO 63141 (US). **HEIDOLPH, Barbara, B.**; 3055 S. Point Prairie Road, Wentzville, MO 63385 (US). **HIGHFILL, Louis, A.**; 4021 Brookview, Washington, MO 63090 (US).

(74) **MANDRA, Raymond, R.**; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19566** (13) A1

(21) PCT/IT97/00263

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) PI96U000035 (32) **5 Nov/nov 1996 (05.11.1996)** (33) IT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A41B 11/14

(54) SYSTEM FOR KEEPING STOCKINGS OR TIGHTS IN PLACE BY RESTING THEM ON THE HIPS, AND THE TIGHTS MANUFACTURED ACCORDINGLY
SYSTEME PERMETTANT DE MAINTENIR EN PLACE DES BAS OU DES COLLANTS EN LES FAISANT REPOSER SUR LES HANCHES, ET COLLANTS FABRIQUES D'APRES CE SYSTEME

(71, 72) **CONTI, Giuseppe** [IT/IT]; Via Maragliano, 137, I-50144 Firenze (IT). **BRUSCOLI, Maria, Assunta** [IT/IT]; Via Imprunetana per Pozzonatico, 170, I-50023 Impruneta (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19567** (13) A1

(21) PCT/ES97/00263

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) es (26) es

(31) U 9602800 (32) **4 Nov/nov 1996 (04.11.1996)** (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A41C 3/00

(54) ANTI-WRINKLE BRASSIERE
SOUTIEN-GORGE ANTI-RIDES

(71, 72) **FERNANDEZ FERNANDEZ, M^o Elisa** [ES/ES]; Avenida Profesor Peraza de Ayala, 6-4^oB, E-38001 Santa Cruz de Tenerife (ES).

(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19568** (13) A1

(21) PCT/US97/19782

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,530 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A41D 19/00

(54) GLOVE WITH ELASTIC BACK
GANT DOTE D'UNE PARTIE ARRIERE ELASTIQUE

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) **REDWOOD, Michael**; The Old Barton, Charlton Adam, Somerset TA11 7AS (GB). **SHIM, Kenneth**; 6 Genevieve Drive, Irvington, NY 10533 (US). **SUN, Dong, Kyu**; 722-7, Ma Pyong Li Yong-In, Yong-In Kun Kyong Ki Do (KR).

(74) **JONES, Harry, C., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CN ID JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19569** (13) A1

(21) PCT/US96/17467

(22) **1 Nov/nov 1996 (01.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A41D 19/02

(54) WATERPROOF, BREATHABLE ARTICLES OF APPAREL
ARTICLES VESTIMENTAIRES RESPIRABLES ET IMPERMEABLES A L'EAU

(71, 72) **WILLIAMS, Cole** [US/US]; 2408 Allanjay Place, Glendale, CA 91208 (US).

(74) **ORUM, Keith, H.**; Dvorak and Traub, 53 West Jackson Boulevard, Chicago, IL 60604 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19570** (13) A1

(21) PCT/CN97/00122

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) zh (26) zh

(31) 08/740,869 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A41D 25/08

(54) A PRE-KNOTTED AND SAVING CLOTH NECKTIE

CRAVATE EN TISSU PRE-NOUEE ET A POSE RAPIDE

(71, 72) **LIN, Yng-Lang** [CN/CN]; 2F. No. 17, Lane 49, Chung Hsiao E. Road, Section 1, Taipei, Taiwan Province (CN).

(74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Engle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19571** (13) A2

(21) PCT/IE97/00074

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) S960776 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A42B 3/00

(54) SAFETY CRASH HELMET WITH AUTOMATIC INFLATABLE AIR BAG
CASQUE DE PROTECTION COMPORTANT UN AIR-BAG A GONFLAGE

(71, 72) **SHORTALL, John, Francis** [IE/IE]; 69 Moyne Road, Ranelagh, Dublin 6 (IE).

(81) AT AU BB BR CA DE DK ES FI GB IL JP KP MX NO PT RU SE TT US; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19572** (13) A1

(21) PCT/EP97/02228

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) de (26) de

(31) 96117656.7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A43B 13/22, 13/18

(54) SHOE OR OUTSOLE AND SHOE WITH THIS SOLE
SEMELLE DE CHAUSSURE OU SEMELLE EXTERIEURE, CHAUSSURE POURVUE DE CETTE SEMELLE

(71) **PRODOMO S.A.** [LU/LU]; 3a, rue Guillaume Kroll, L-1882 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUCHOMS, Jean-François** [LU/LU]; 3a, rue Guillaume Kroll, L-1882 Luxembourg (LU).

(74) **STROBEL, Wolfgang**; Kroher - Strobel, Bavaria- ring 20, D-80336 München (DE).

(81) AU BA BG BR CA CN CU CZ HU IL IS JP KP KR MK MN MX NO NZ PL SG SK TR UA US VN YU; EA (AM AZ BY KG KZ MD RU TJ TM).

(11) **WO 98/19573** (13) A1
 (21) PCT/US97/19328
 (22) **24 Oct/oct 1997 (24.10.1997)**
 (25) en (26) en
 (31) 08/746,105 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A44B 11/00, A44C 5/00
 (54) JEWELRY CLASP
 FERMOIR DE BIJOUTERIE

(71, 72) **KOHL, Thomas, D.** [US/US]; 13895 Braun Road, Golden, CO 80401 (US). **MINO, Kenneth, L.** [US/US]; 3770 Allison Court, Wheat Ridge, CO 80033 (US).
 (74) **OSMAN, Lee, R.** et al. / etc.; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
 (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19574** (13) A1
 (21) PCT/JP97/03913
 (22) **28 Oct/oct 1997 (28.10.1997)**
 (25) ja (26) ja
 (31) 8/332689 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A44C 9/00
 (54) DOUBLE-STRUCTURE RING
 ANNEAU A DOUBLE STRUCTURE

(71) **SAIKO CO., LTD.** [JP/JP]; 39, Musa, Okayama-shi, Okayama 701-21 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGANO, Tomohisa** [JP/JP]; 2223-3, Tamagashi, Okayama-shi, Okayama 701-21 (JP).

(74) **FUKUSHIMA, Mitsuo** et al. / etc.; 3-3, Fushimicho 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19575** (13) A1
 (21) PCT/US96/17708
 (22) **6 Nov/nov 1996 (06.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A44C 17/00
 (54) PRECIOUS STONES HAVING TETRAHEDRON STRUCTURES

PIERRES PRECIEUSES AYANT DES STRUCTURES TETRAHEDRES
 (71, 72) **SLOWINSKI, Christopher** [US/US]; 18 Westwoods Road, Lake Success, NY 11020 (US). **SIMAN-TOV, Avraham** [IL/IL]; Lili Diamonds, Diamond Exchange Building, Maccabi 834, 1 Jabotinsky Street, Ramat Gan (IL).
 (74) **MOSKOWITZ, Max** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, 1180 Avenue of the Americas, New York, NY 10036 (US).
 (81) CA CN IL JP KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19576** (13) A1
 (21) PCT/US97/20215
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 60/030,450 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A46B 11/00, B43K 9/00
 (54) A FLUID APPLICATOR AND DISPENSING SYSTEM FOR CONTROLLING FLUID AND VAPOR FLOW
 SYSTEME DE DISTRIBUTION A APPLICATEUR DE FLUIDE POUR LA REGULATION DE L'ECOLEMENT DE FLUIDE ET DE VAPEUR

(71, 72) **KAY, Nathan** [US/US]; 375 El Portal, Palm Springs, CA 92264 (US).

(74) **LIEBERMAN, Lance, J.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 5th Avenue, New York, NY 10176 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19577** (13) A1
 (21) PCT/US97/19220
 (22) **24 Oct/oct 1997 (24.10.1997)**
 (25) en (26) en
 (31) 08/742,515 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A47B 49/00
 (54) TURNTABLE STORAGE DEVICE
 DISPOSITIF DE STOCKAGE A PLATEAU TOURNANT

(71) **ROBBINS INDUSTRIES, INC.** [US/US]; 4420 Helton Drive, Florence, AL 35630 (US).

(72) **ROBBINS, E., Stanley**; Route 6, Box 174, Killen, AL 35645 (US). **ROBBINS, Rodney, W.**; Route 8, Box 127 A, Florence, AL 35360 (US). **WETTE-RINGS, Frans, M.**; Route 5, Box 192, Tuscumbia, AL 35674 (US). **BELL, Ted, A.**; Route 6, Box 185 B, Killen, AL 35645 (US).

(74) **NEFF, Gregor, N.**; Curtis, Morris & Safford, P.C., 530 Fifth Avenue, New York, NY 10036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19578** (13) A1
 (21) PCT/US97/20126
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 60/030,241 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A47C 7/02
 (54) THERAPEUTIC SLING SEAT
 SIEGE SUSPENDU A USAGE THERAPEUTIQUE

(71, 72) **CHOW, William, W.** [US/US]; 334 La Amata Road, Del Mar, CA 92014 (US).

(74) **LITZINGER, Jerrold, J.**; Suite 600, 4445 Lake Forest Drive, Cincinnati, OH 45242 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/19579** (13) A1
 (21) PCT/US97/20371
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 60/030,061 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A47C 7/02
 (54) FLEXIBLE CHAIR WITH ADJUSTABLE SUPPORT FRAME
 FAUTEUIL SOUPLE AVEC STRUCTURE DE SUPPORT REGLABLE
 (63) US 60/030,061 (CIP)
 7 Nov/nov 1996 (07.11.1996)

(71, 72) **PERRY, Charles, Owen** [US/US]; 20 Shorehaven Drive, Norwalk, CT 06855 (US). **PERRY, Paul, Owen** [US/US]; 18 Mount Vernon Street, Cambridge, MA 02140 (US). **PERRY, Charles, Christopher** [US/US]; 3 Raymond Street, Norwalk, CT 06854 (US). **PERRY, Maria, Daniela** [US/US]; 237 Union Street, Brooklyn, NY 11231 (US). **PERRY, Patrick, Lawrence** [US/US]; 20 Shorehaven Drive, Norwalk, CT 06855 (US). **PERRY, Marc, Carroll** [US/US]; 231 Baltic Street, Brooklyn, NY 11201 (US).

(74) **NEBB, Richard, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19580** (13) A1
 (21) PCT/US97/19943
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/743,710 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A47F 10/00, E04H 1/00

- (54) HEAD WALL FOR A HOSPITAL ROOM
MUR DE TETE DE LIT DE CHAMBRE
D'HOPITAL
- (71) **HILL-ROM, INC.** [US/US]; 1069 State Route 46
East, Batesville, IN 47006-9167 (US).
- (72) **GALLANT, Dennis, J.**; 10208 Cartha Lane, Har-
rison, OH 45030 (US). **HILLIER, Linda, A.**;
3439 Linwood Avenue, Cincinnati, OH 45226
(US). **NOBBE, Dale, A.**; 5232 North Hamberg
Road, Oldenburg, IN 47036 (US). **MARASLI-
GILLER, Ares**; 1720 Wexwood Lane, Cincinnati,
OH 45255 (US). **BUCCIERI, Michael**; 1309 East
1200 North, Greenfield, IN 46140 (US).
- (74) **COFFEY, William, R.**; Barnes & Thornburg, 11
South Meridian Street, Indianapolis, IN 46204
(US).
- (81) BR CN JP KP KR MX TR; EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/19581** (13) A1
- (21) PCT/US97/20065
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/740,997 (32) **5 Nov/nov 1996** (33) US
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47F 10/00, E04H 1/12
- (54) OPEN BUT SECURE TRAVEL CENTER KIOSK
KIOSQUE DE SERVICES DE VOYAGES OU-
VERT, MAIS FIXE
- (71, 72) **DELVIN, Catherine, F., Jr.** [US/US]; 7 Park
Drive, Mt. Kisco, NY 10549 (US).
- (74) **HOROWITZ, Steven**; Suite 700, 295 Madison
Avenue, New York, NY 10017 (US).
- (81) AU CN CZ JP MX; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/19582** (13) A1
- (21) PCT/AU97/00597
- (22) **11 Sep/sep 1997 (11.09.1997)**
- (25) en (26) en
- (31) PO 3464 (32) **6 Nov/nov 1996** (33) AU
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47G 7/02, A01G 9/00, 31/02
- (54) FLOATING SUPPORT
SUPPORT FLOTTANT
- (71) **GARRIS HOLDINGS PTY. LTD.** [AU/AU]; Unit
2, 2684 Albany Highway, Kelmescott, W.A. 6111
(AU).
(for all designated States except / pour tous les États
désignés sauf US)

- (72, 75) **HARRIS, Norman, Laurence** [AU/AU]; 2
Mimosa Court, Kelmescott, W.A. 6111 (AU).
- (74) **MIZZL, Anthony, Paul**; Griffith Hack, 6th floor,
256 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19583** (13) A1
- (21) PCT/SI97/00028
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) P-9600327 (32) **7 Nov/nov 1996** (33) SI
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47G 21/04
- (54) SPOON WITH A SWEETENER CONTAINER
CUILLERE A RECIPIENT D'EDULCORANT
- (71) **CUILLEREE D.O.O.** [SI/SI]; Grajzerjeva 23,
1000 Ljubljana (SI).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **ŽUGMAN, Janez** [SI/SI]; Grajzerjeva 23,
1000 Ljubljana (SI).

- (74) **PATENTNA PISARNA D.O.O.**; Čopova 14, P.O.
Box 322, 1001 Ljubljana (SI).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19584** (13) A1
- (21) PCT/EP97/05722
- (22) **16 Oct/oct 1997 (16.10.1997)**
- (25) en (26) en
- (31) MI96A002294 (32) **5 Nov/nov 1996** (33) IT
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47J 31/44, 31/06
- (54) ESPRESSO COFFEE MACHINE
MACHINE A ESPRESSO
- (71) **ILLYCAFFE' S.P.A.** [IT/IT]; Via Flavia, 110,
I-34147 Trieste (IT).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **ILLY, Andrea** [IT/IT]; Illycaffè S.p.A., Via
Flavia, 110, I-34147 Trieste (IT). **MASTROPAS-
QUA, Luca** [IT/IT]; Illycaffè S.p.A., Via Flavia,
110, I-34147 Trieste (IT).
- (74) **FERRAILOLO, Ruggero** et al. / etc.; Via Napo
Torriani, 10, I-20124 Milano (IT).

- (81) AU BR CA CN CZ HU JP KR MX RU SI SK US
YU; EP (AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE).

- (11) **WO 98/19585** (13) A1
- (21) PCT/EP97/05824
- (22) **22 Oct/oct 1997 (22.10.1997)**
- (25) de (26) de
- (31) 196 45 309.7 (32) **4 Nov/nov 1996** (33) DE
(04.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47J 43/046
- (54) KITCHEN APPLIANCE
APPAREIL ELECTROMENAGER

- (71) **BRAUN AKTIENGESELLSCHAFT** [DE/DE];
D-Frankfurt am Main (DE).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **BÖRGER, Georg** [DE/DE]; Königsteiner
Strasse 120, D-61449 Steinbach (DE). **KAM-
PRATH, Karl-Heinz** [DE/DE]; Annema-
rie-Gossmann-Strasse 90, D-65207 Wiesba-
den (DE). **MÖTHRATH, Georg** [DE/DE];
Blümgessgrund 19, D-63571 Gelnhausen (DE).
- (74) **BRAUN AKTIENGESELLSCHAFT**; Frankfur-
ter Strasse 145, D-61476 Kronberg (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DK EE ES FI GB GE GH HU IL IS
JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG US
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

- (11) **WO 98/19586** (13) A1
- (21) PCT/GB97/03012
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 9622971.1 (32) **5 Nov/nov 1996** (33) GB
(05.11.1996)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47K 13/30, E03D 9/052

- (54) IMPROVEMENTS IN AND RELATING TO
ODOUR VENTING APPARATUS FOR A TOI-
LETT
AMELIORATIONS APPORTEES A UN SYS-
TEME D'EVACUATION DES ODEURS DANS
UNE TOILETTE ET CONCERNANT LEDIT
SYSTEME

- (71) **VENTALU LIMITED** [GB/GB]; 6 Potash Lane,
Hethel, Norwich, Norfolk NR14 8EY (GB).
(for all designated States except / pour tous les États
désignés sauf US)

- (72, 75) **REYNOLDS, John** [GB/GB]; Ventalu Limi-
ted, 6 Potash Lane, Hethel, Norwich, Norfolk
NR14 8EY (GB).

- (74) **WILLIAM, Jones**; Willow Lane House, Willow
Lane, Norwich, Norfolk NR2 1EU (GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19587** (13) A1
- (21) PCT/IT97/00270
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) TV96A000141 (32) **7 Nov/nov 1996** (33) IT
(07.11.1996)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A47L 9/18 // 9/12

- (54) VACUUM CLEANER APPARATUS WITH AT
LEAST THREE STAGES OF DUST COLLEC-
TION, OF THE TYPE WITH A PATH PAR-
TIALLY SUBMERGED IN WATER AND PRO-
VIDED WITH A SEPARATION LABYRINTH

APPAREIL DE TYPE ASPIRATEUR COMPORTANT AU MOINS TROIS ETAGES DE RECUPE-
RATION DE LA POUSSIERE, APPARTENANT
AU TYPE DE CEUX QUI POSSEDENT UN
TRAJET PARTIELLEMENT IMMERGE DANS
L'EAU, ET COMPORTANT UN LABYRINTHE
DE SEPARATION

(71) **W.S. S.P.A.** [IT/IT]; Via Montegrappa, 119B,
I-31010 Fonte (IT).
*(for all designated States except / pour tous les États
designés sauf US)*

(72, 75) **PIETROBON, Silvano** [IT/IT]; Via Monte-
grappa, 119B, I-31010 Fonte (IT).

(74) **D'AGOSTINI, Giovanni**; D'Agostini Organizza-
zione S.r.l., Via G. Giusti, 17, I-33100 Udine (IT).

(81) AU BR CA CN JP KR PL RU US; EP (AT BE CH
DE DK ES FI FR GB GR IE IT LU MC NL PT
SE).

(11) **WO 98/19588** (13) A1

(21) PCT/EP97/06037

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 45 224.4 (32) **2 Nov/nov 1996** (33) DE
(02.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A47L 13/16, A46B 9/06

(54) CLEANSING TOOL
OUTIL DE NETTOYAGE

(71, 72) **RAAB, Hans** [DE/DE]; Birkenweg 1, D-66280
Sulzbach (DE).

(74) **RIEDERER, Konrad, A.** et al. / etc.; Bahnhof-
strasse 10, CH-7310 Bad Ragaz (CH).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19589** (13) A1

(21) PCT/GR97/00038

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 960100378 (32) **7 Nov/nov 1996** (33) GR
(07.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 1/267

(54) LARYNGOSCOPE WITH A FLEXIBLE BLADE
LARYNGOSCOPE EQUIPEE D'UNE LAME
SOUPLE

(71, 72) **MENTZELOPOULOS, Spyros** [GR/GR]; 2A
Kypseli Street, GR-113 62 Athens (GR). **BALAS,**
Constantinos [GR/GR]; 12 Zacharioudaki Street,
Crete, GR-713 05 Iraklion (GR).

(74) **MENTZELOPOULOU, Eleni**; 57 Panepistimiou
Avenue, GR-105 64 Athens (GR).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE).

(11) **WO 98/19590** (13) A1

(21) PCT/AU97/00732

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) PO 3403 (32) **1 Nov/nov 1996** (33) AU
(01.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 1/32

(54) SPECULUM DEVICE
DISPOSITIF POUR SPECULUM

(71) **SUPERIOR SPEC HOLDINGS LIMITED**
[AU/AU]; 27 Redmyre Road, Strathfield, NSW
2135 (AU).
*(for all designated States except / pour tous les États
designés sauf US)*

(72, 75) **VAN DER WEEGEN, Clemens** [AU/AU]; 27
Redmyre Road, Strathfield, NSW 2135 (AU).

(74) **CARTER SMITH & BEADLE**; P.O. Box 296,
Five Dock, NSW 2046 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19591** (13) A1

(21) PCT/DE97/02590

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 746.2 (32) **1 Nov/nov 1996** (33) DE
(01.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/00, H04B 1/69, A61N 1/372

(54) METHOD FOR WIRELESS COMMUNICATION
TRANSFER WITH AN IMPLANTED MEDICAL
DEVICE
PROCEDE DE COMMUNICATION SANS FIL
AVEC UN APPAREIL MEDICAL IMPLANTE

(71) **NANOTRON GESELLSCHAFT FÜR MI-
KROTECHNIK MBH** [DE/DE]; Alt-Moabit 61,
D-10555 Berlin (DE).
*(for all designated States except / pour tous les États
designés sauf US)*

(72, 75) **KOSLAR, Manfred** [DE/DE]; Schlüterstrasse
35, D-10629 Berlin (DE).

(74) **CHRISTIANSEN, Henning**; Pacelliallee 43/45,
D-14195 Berlin (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU
IL IS JP KR LC LK LR LT LV MG MK MN
MX NO NZ PL RO SG SI SK TR TT UA US UZ
VN; AP (GH KE LS MW SD SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP (AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE); OA (BF BJ CF CG CI CM GA GN ML
MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/19592** (13) A1

(21) PCT/US97/19869

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,113 (32) **1 Nov/nov 1996** (33) US
(01.11.1996)

(31) 961,323 (32) **30 Oct/oct 1997** (33) US
(30.10.1997)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/00

(54) DIALYSIS MONITORING METHOD AND AP-
PARATUS

PROCEDE ET DISPOSITIF DE SURVEILLANCE
DE DIALYSE

(71) **RIO GRANDE MEDICAL TECHNOLOGIES,
INC.** [US/US]; 915 Camino de Salud, Box 603,
Albuquerque, NM 87131-5271 (US).

(72) **KEMENY, Gabor, J.**; 801 Locust Place #2083,
Albuquerque, NM 87102 (US). **MAYNARD,
John, D.**; 11202 Spyglass Hill Lane Northeast,
Albuquerque, NM 87111 (US).

(74) **SEAGER, Glenn, M.** et al. / etc.; Nawrocki, Roo-
ney & Sivertson, P.A., Suite 401, Broadway Place
East, 3433 Broadway Street Northeast, Minneapo-
lis, MN 55413-3009 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19593** (13) A1

(21) PCT/US96/17617

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/02

(54) METHOD AND APPARATUS FOR DETERMI-
NING PRESSURES ASSOCIATED WITH THE
LEFT ATRIUM
PROCEDE ET APPAREIL PERMETTANT DE
DETERMINER DES PRESSIONS ASSOCIEES A
L'OREILLETTE GAUCHE

(71) **LUNDGREN, Clas, E., G.** [SE/US]; 42 Burroughs
Drive, Snyder, NY 14226 (US).

(71, 72) **HICKEY, Donald, D.** [US/US]; 33 Burbank,
Amherst, NY 14226 (US).

(74) **SIMMONS, James, C.** et al. / etc.; Hodgson, Russ,
Andrews, Woods & Goodyear, LLP, 1800 One M
& T Plaza, Buffalo, NY 14203-2391 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU JP KE KG KP KR KZ
LK LR LT LU LV MD MG MN MW MX NO NZ
PL PT RO RU SD SE SI SK TJ TT UA UZ VN;
AP (KE LS MW SD SZ UG); EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE);
OA (BF BJ CF CG CI CM GA GN ML MR NE
SN TD TG).

(11) **WO 98/19594** (13) A1

(21) PCT/US97/19695

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,184 (32) **4 Nov/nov 1996** (33) US
(04.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/02, G06F 17/00

(54) ASSESSING CARDIAC CONTRACTILITY AND
CARDIOVASCULAR INTERACTION
EVALUATION DE LA CONTRACTILITE CAR-
DIAQUE ET DE L'INTERACTION CARDIO-
VASCULAIRE

(71) **THE JOHNS-HOPKINS UNIVERSITY**
[US/US]; 3400 North Charles Street, Baltimore,
MD 21218 (US).

(72) **KASS, David, A.**; 10971 Shadow Lane, Columbia,
MD 21044 (US). **SENZAKI, Hideaki**; 10 Wyt-
chwood Court #201, Baltimore, MD 21209 (US).
CHEN, Chen-Huan; 6717 Bonnie Ridge Drive
#11, Baltimore, MD 21209 (US).

(74) **PERRY, Glenn, J.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19595** (13) A1

(21) PCT/US97/20067

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/746,448 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/0402, 17/38, A61N 5/02

(54) APPARATUS AND METHODS FOR PROCEDURES RELATED TO THE ELECTROPHYSIOLOGY OF THE HEART
APPAREIL ET PROCÉDES POUR TECHNIQUES RELATIVES A L'ELECTROPHYSIOLOGIE DU COEUR

(71) **NOVOSTE CORPORATION** [US/US]; Suite C, 4350 International Boulevard, Norcross, GA 30093 (US).

(72) **LARSEN, Charles, E.**; 6080 Cherokee Trace, Cumming, GA 30130 (US). **TRIP, Roelof**; 1387 Candlelite Lane, Snellville, GA 30278 (US). **JOHNSON, Cheryl, R.**; 4420 Village Springs Run, Dunwoody, GA 30338 (US).

(74) **MCFARRON, Gary, W.**; Cook, McFarron & Manzo, Ltd., Suite 4100, 135 South LaSalle Street, Chicago, IL 60603 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19596** (13) A1

(21) PCT/GB97/03024

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 9623077.6 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/113, 5/11, G01P 13/00

(54) SYSTEM AND METHOD FOR MONITORING A HEARTBEAT
SYSTEME ET PROCÉDE DE CONTROLE DES PULSATIONS CARDIAQUES

(71) **MOVEMENT CONTROL SYSTEMS LIMITED** [GB/GB]; 17 Hanover Square, London W1R 9AJ (GB).
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(72) **75 SMITH, Derek, Travers** [GB/GB]; 5 Wimborne Avenue, Chislehurst, Kent BR7 6RQ (GB). **RUSSELL, Brian, Eric** [GB/GB]; 24 Dunkery Road, London SE9 4HZ (GB). **ROSS, Keith, Alexander** [GB/GB]; 26 Bodiam Avenue, Tuffley, Gloucester GL4 0TJ (GB). **GIBBON, Paul, William** [GB/GB]; 3 Harpenden Road, St. Albans, Herts AL3 5LW (GB).

(74) **HARRISON GODDARD FOOTE**; Belmont House, 20 Wood Lane, Leeds LS6 2AE (GB).

(81) AU CA NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19597** (13) A1

(21) PCT/GB97/03025

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 9623077.6 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 5/113, 5/11

(54) SENSOR ARRANGEMENT FOR MONITORING PHYSICAL ACTIVITY
DISPOSITIF DE DETECTION POUR CONTROLER UNE ACTIVITE PHYSIQUE

(71) **MOVEMENT CONTROL SYSTEMS LIMITED** [GB/GB]; 17 Hanover Square, London W1R 9AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72) **75 SMITH, Derek, Travers** [GB/GB]; 5 Wimborne Avenue, Chislehurst, Kent BR7 6RQ (GB). **RUSSELL, Brian, Eric** [GB/GB]; 24 Dunkery Road, London SE9 4HZ (GB). **ROSS, Keith, Alexander** [GB/GB]; 26 Bodiam Avenue, Tuffley, Gloucester GL4 0TJ (GB). **GIBBON, Paul, William** [GB/GB]; 3 Harpenden Road, St. Albans, Herts AL3 5LW (GB).

(74) **HARRISON GODDARD FOOTE**; Belmont House, 20 Wood Lane, Leeds LS6 2AE (GB).

(81) AU CA NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19598** (13) A1

(21) PCT/US97/19614

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,897 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **6 Nov/nov 1997 (06.11.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 6/00

(54) APPARATUS FOR DETERMINING THE PERIMETER OF THE SURFACE OF AN OBJECT BEING SCANNED
APPAREIL PERMETTANT DE DETERMINER LE PERIMETRE DE LA SURFACE D'UN OBJET EN COURS D'EXPLORATION

(71) **IMAGING DIAGNOSTIC SYSTEMS, INC.** [US/US]; 6531 N.W. 18th Court, Plantation, FL 33313 (US).

(72) **WAKE, Robert, H.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US). **GRABLE, Richard, J.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US). **ROHLER, David, P.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US).

(74) **DE LEON, Josefino, P.**; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads Street, Arlington, VA 22202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) en (26) en

(31) 60/029,898 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/965,149 (32) **6 Nov/nov 1997 (06.11.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 6/00

(54) DEVICE FOR DETERMINING THE PERIMETER OF THE SURFACE OF AN OBJECT BEING SCANNED AND FOR LIMITING REFLECTION FROM THE OBJECT SURFACE
DISPOSITIF PERMETTANT DE DETERMINER LE PERIMETRE DE LA SURFACE D'UN OBJET EN COURS D'EXPLORATION ET DE LIMITER LA REFLEXION PROVENANT DE LA SURFACE DE L'OBJET

(71) **IMAGING DIAGNOSTIC SYSTEMS, INC.** [US/US]; 6531 N.W. 18th Court, Plantation, FL 33313 (US).

(72) **WAKE, Robert, H.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US). **GRABLE, Richard, J.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US). **ROHLER, David, P.**; 6531 N.W. 18th Court, Plantation, FL 33313 (US).

(74) **DE LEON, Josefino, P.**; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads Street, Arlington, VA 22202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19600** (13) A1

(21) PCT/US97/20303

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,406 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 7/04

(54) ULTRASOUND BELL ATTACHMENT FOR STETHOSCOPE
ATTACHE DE PAVILLON A ULTRASONS POUR STETHOSCOPE

(71) **NICOLET VASCULAR, INC.** [US/US]; 6355 Joyce Drive, Golden, CO 80403 (US).

(72) **BOURICIUS, Daniel, Drill**; 1545 Wildwood Lane, Boulder, CO 80303 (US). **NEWMAN, Dennis, Ray**; 9305 Blue Mountain Drive, Golden, CO 80403 (US). **JONES, David, C.**; 33608 Valley View Drive, Evergreen, CO 80439 (US).

(74) **ALLISON, Scott, B.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80302 (US).

(81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19601** (13) A1

(21) PCT/RU96/00364

(22) **26 Dec/déc 1996 (26.12.1996)**

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(31) 96121164 (32) **1 Nov/nov 1996 (01.11.1996)** (33) RU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 8/00, 5/04 // G06F 17/14

(54) METHOD FOR INFLUENCING THE ORGANISM PROCEDE PERMETTANT D'AGIR SUR L'ORGANISME

(71, 72) **LEVIN, Yakov Iosifovich** [RU/RU]; Olimpiyskiy prospekt, 30-301, Moscow, 129272 (RU).

(74) **POPOV, Andrei Sergeevich**; Sredny-Kislovsky per., 7/10-26, Moscow, 103009 (RU).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19602** (13) A1

(21) PCT/US97/20205

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,271 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 8/00

(54) VECTOR DOPPLER SYSTEM FOR STROKE SCREENING SYSTEME A EFFET DOPPLER VECTORIEL POUR LE DEPISTAGE DE L'ATTAQUE

(71, 72) **McMORROW, Gerald, J.** [US/US]; 32609 Northeast 202nd Place, Duvall, WA 98019 (US).

(72) **BEACH, Kirk**; 4023 Meridian Avenue, Seattle, WA 98103 (US). **BARNARD, William, L.**; 19622 65th Avenue Northeast, Seattle, WA 98155 (US).

(74) **PUNTIGAM, Clark, A.**; 2033 6th Avenue #1020, Seattle, WA 98121 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19603** (13) A1

(21) PCT/NL97/00504

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) en (26) en

(31) 96203050.8 (32) **1 Nov/nov 1996 (01.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 8/06, G01S 15/89

(54) MEASUREMENT OF VOLUMETRIC FLUID FLOW AND ITS VELOCITY PROFILE MESURE DE L'ECOULEMENT VOLUMETRIQUE D'UN LIQUIDE ET SON PROFIL DE VITESSE

(71) **ENDOSONICS CORPORATION** [US/US]; 2870 Kilgore Road, Rancho Cordova, CA 95670 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CESPEDES, Edoardo Ignacio** [AR/NL]; Bulgersteijn 7161, NL-3011 AB Rotterdam (NL). **LANCEE, Charles, Theodoor** [NL/NL]; Westeinde 17, NL-3466 NK Waarder (NL). **VAN DER STEEN, Antonius, Franciscus, Wilhelmus** [NL/NL]; Heemskerckstraat 61A, NL-3038 VD Rotterdam (NL). **LI, Wenguang** [NL/NL]; Scarlattstraat 18, NL-2901 KH Capelle aan den IJssel (NL). **BOM, Nicolaas** [NL/NL]; Weidebloemstraat 33, NL-2825 AE Berkenwoude (NL).

(74) **SMULDERS, Th., A., H., J.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19604** (13) A1

(21) PCT/US97/20038

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/744,360 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 8/06

(54) BLOOD FLOW METER AND METHOD OF USE DEBITMETRE SANGUIN ET PROCEDE D'UTILISATION

(71) **DATA SCIENCES INTERNATIONAL, INC.** [US/US]; 4211 Lexington Avenue North, St. Paul, MN 55126 (US).

(72) **DOTEN, Gregory, P.**; 2941 Georgia Avenue North, Crystal, MN 55427 (US). **BROCKWAY, Brian, P.**; 3369 Snelling Avenue North, Arden Hills, MN 55112 (US).

(74) **VIKSININS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AU CA CN JP KR NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19605** (13) A1

(21) PCT/US97/20178

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,248 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/00

(54) SOFT TISSUE CLOSURE SYSTEMS SYSTEMES PERMETTANT DE REFERMER DES TISSUS MOUS

(71) **LI, Shu-Tung** [US/US]; 1 Kiowa Terrace, Oakland, NJ 07436 (US).

(74) **TSAO, Rocky, Y.**; Fish & Richardson PC, 225 Franklin Street, Boston, MA 02110 (US).

(81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19606** (13) A1

(21) PCT/US97/19937

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/744,439 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/04

(54) TRANSVAGINAL ANCHOR IMPLANTATION DEVICE DISPOSITIF D'IMPLANTATION D'UN ELEMENT D'ANCRAGE TRANSVAGINAL

(71) **BOSTON SCIENTIFIC CORPORATION** [US/US]; 1 Boston Scientific Place, Natick, MA 01760-1537 (US).

(72) **BRENNEMAN, Rodney**; 34002 Las Palmas Del Mar, San Juan Capistrano, CA 92675 (US). **SAUVAGUEAU, David**; 147 Old Ferry Road, Methuen, MA 01844 (US). **GELLMAN, Berry**; 19 Pebble Brook Road, North Easton, MA 02356 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19607** (13) A1

(21) PCT/US97/20853

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,672 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/964,119 (32) **4 Nov/nov 1997 (04.11.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/11

(54) IMPROVED VASCULAR SHUNT GRAFT AND JUNCTION FOR SAME AMELIORATION APPORTEE A UNE GREFFE DE SHUNT VASCULAIRE ET JONCTION CORRESPONDANTE

(71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(72) **BUTTERS, Leslie, C.**; 1230 E. Linda Vista Drive, Flagstaff, AZ 86004 (US). **BIGGERSTAFF, Charles, E.**; 11645 Homestead Lane, Flagstaff, AZ 86004 (US). **CONN, Brian, M.**; 3520 W. Cooper Drive, Flagstaff, AZ 86001 (US). **HICKS, Ramona**; 3303 N. Walker Street, Flagstaff, AZ 86004 (US). **SWITZER, Anita**; Spring Valley Road, Parks, AZ 86018 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19608** (13) A1
 (21) PCT/US97/20468
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 (31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (31) 08/844,910 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61B 17/22, 17/32, A61M 25/01
 (54) MEDICAL INSTRUMENT WITH EXTENSIBLE SNARE INSTRUMENT MEDICAL A ANSE EXTENSIBLE
 (71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).
 (72) **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US). **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US).
 (74) **TREYZ, G., Victor** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19609** (13) A1
 (21) PCT/US97/19723
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) 60/029,537 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (31) 08/746,541 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61B 17/32
 (54) SURGICAL TUBULAR CUTTER HAVING A TAPERING CUTTING CHAMBER INSTRUMENT CHIRURGICAL DE COUPE TUBULAIRE DOTE D'UNE CHAMBRE DE COUPE CONIQUE
 (63) US 60/029,537 (CIP) 1 Nov/nov 1996 (01.11.1996)
 (71) **FEMRX, INC.** [US/US]; 1221 Innsbruck Drive, Sunnyvale, CA 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ALDEN, Donald, L.** [US/US]; 1312 Nelson Way, Sunnyvale, CA 94087 (US). **CHRISTIAN,**

Jeffrey, J. [US/US]; 608 Curie Drive, San Jose, CA 95123 (US).

(74) **BARRISH, Mark, D.**; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19610** (13) A1
 (21) PCT/US97/20072
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 60/030,202 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/964,501 (32) **5 Nov/nov 1997 (05.11.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61B 17/32
 (54) DEVICE AND METHOD FOR TENDON HARVESTING DISPOSITIF ET PROCEDE DE PRELEVEMENT DE TENDON
 (71, 72) **MCGUIRE, David, A.** [US/US]; 3418 Lakeside Drive, Anchorage, AK 99515 (US).
 (74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg and Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
 (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19611** (13) A1
 (21) PCT/US97/19867
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 (31) 08/742,352 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61B 17/36
 (54) MULTI-ELECTRODE ABLATION CATHETER CATHETER D'ABLATION A PLUSIEURS ELECTRODES
 (71) **CORDIS WEBSTER, INC.** [US/US]; 4750 Littlejohn Street, Baldwin Park, CA 91706 (US).
 (72) **WEBSTER, Wilton, W., Jr.**; 4750 Littlejohn Street, Baldwin Park, CA 91706 (US).
 (74) **DILLARD, David, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
 (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19612** (13) A1
 (21) PCT/US97/20073
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 60/030,037 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/865,313 (32) **29 May/mai 1997 (29.05.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/36

(54) VAPORIZING ROLLER FOR AN ELECTRO-SURGICAL PROBE CYLINDRE VAPORISATEUR POUR SONDE ELECTROCHIRURGICALE

(71, 72) **VANDUSSELDORP, Gregg, A.** [US/US]; 2177-A Greenvalley Drive, Crown Point, IN 46307 (US).

(74) **HARTMAN, Gary, M.** et al. / etc.; Hartman & Hartman, P.C., 552 East 700 North, Valparaiso, IN 46383 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (25) en (26) en
 (31) 08/748,527 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (31) 08/862,875 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 08/910,370 (32) **13 Aug/Août 1997 (13.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/36, A61N 1/05

(54) DEVICES, METHODS AND SYSTEMS FOR SHRINKING TISSUES DISPOSITIFS, PROCEDES ET SYSTEMES PERMETTANT DE CONTRACTER DES TISSUS

(71) **SURX, INC.** [US/US]; Suite 417, 6900 Koll Center Parkway, Pleasanton, CA 94566 (US).

(72) **INGLE, Frank**; 814 Richardson Court, Palo Alto, CA 94303 (US). **CARTER, Garry**; 3083 Crestblanca Drive, Pleasanton, CA 94566 (US). **LAUFER, Michael, D.**; 1259 El Camino Real, Menlo Park, CA 94025 (US).

(74) **BARRISH, Mark, D.** et al. / etc.; Townsend and Twonsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (31) 08/745,869 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (31) 08/819,948 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/36

(54) TRANSVASCULAR TMR DEVICE AND METHOD PROCEDE ET DISPOSITIF DE VASCULARISATION TRANSMYOCARDIQUE

(71, 72) **FOGARTY, Thomas, J.** [US/US]; 3270 Alpine Road, Portola Valley, CA 92048 (US).

(72) **RYAN, Timothy, J.**; 3270 Alpine Road, Portola Valley, CA 92048 (US).

(74) **CROCKETT, K., David**; Crockett & Fish, 4093 Tropic Way, Los Angeles, CA 90065 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19615** (13) A1

(21) PCT/US97/20698

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/744,404 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/36

(54) DEVICES AND METHODS USEABLE FOR FORMING SMALL OPENINGS IN THE LENS CAPSULES OF MAMMALIAN EYES DISPOSITIFS ET PROCÉDES POUR FORMER DE PETITES OUVERTURES DANS LES CAPSULES CRISTALLINIENNE D'YEUX DE MAMMIFERES

(71) **OPTEX OPHTHALMOLOGICS, INC.** [-/US]; Suite B, 27292 Calle Arroyo, San Juan Capistrano, CA 92675 (US).

(72) **SORENSEN, John, T.**; Apartment 207, 2402 Harbor Boulevard, Costa Mesa, CA 92626 (US). **MITTELSTEIN, Michael**; 29412 Clipper Way, Laguna Niguel, CA 92677 (US). **MIRHASHEMI, Soheila**; 29412 Clipper Way, Laguna Niguel, CA 92677 (US).

(74) **BUYAN, Robert, D.** et al. / etc.; Sereboff & Buyan, Suite 770, 2600 Michelson Drive, Irvine, CA 92612 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20850

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/744,403 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/70

(54) MULTI-ANGLE BONE SCREW ASSEMBLY USING SHAPE-MEMORY TECHNOLOGY ENSEMBLE VIS MULTI-ANGULAIRE POUR OS, A MEMOIRE DE FORME

(71) **SDGI HOLDINGS, INC.** [US/US]; Suite 508, 300 Delaware Avenue, Wilmington, DE 19801 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHERMAN, Michael, C.** [US/US]; 5854 Haymarket Road, Memphis, TN 38120 (US). **DRE-WRY, Troy** [US/US]; 3841 Highland Park Place, Memphis, TN 38111 (US).

(74) **BECK, Michael, D.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **6 Mar/mar 1997 (06.03.1997)**

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(31) 08/742,733 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 17/72

(54) ORTHOPEDIC IMPLANT PROTHESE ORTHOPEDIQUE

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(72) **BIERMANN, Paul, J.**; 9563 Guilford Road, Columbia, MD 21046 (US). **ROBERTS, Jack, C.**; 5141 Columbia Road, Columbia, MD 21044 (US). **CORVELLI, Amy, A.**; Apartment 30, 7621 Woodpark Lane, Columbia, MD 21046 (US).

(74) **COOCH, Francis, A.** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL RU SG SK UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19618** (13) A1

(21) PCT/US97/19948

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/958,461 (32) **28 Oct/oct 1997 (28.10.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 19/00

(54) TUBULAR BODY STRUCTURE MARKING METHODS AND APPARATUS PROCÉDES ET DISPOSITIF DE MARQUAGE DE STRUCTURES CORPORELLES TUBULAIRES

(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) **ST. GERMAIN, Jon, Patrick**; 18896 146th Street N.W., Elk River, MN 55330 (US). **BERG, Todd, Allen**; 1517 Broken Oak Court, Lino Lakes, MN 55038 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19619** (13) A1

(21) PCT/US97/21006

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,795 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61B 19/00

(54) SYSTEMS AND METHODS FOR LOCATING AND GUIDING OPERATIVE ELEMENTS WITHIN INTERIOR BODY REGIONS SYSTEMES ET PROCÉDES POUR LOCALISER ET GUIDER DES ELEMENTS FONCTIONNELS DANS DES REGIONS INTERNES DU CORPS

(71) **EP TECHNOLOGIES, INC.** [US/US]; 2710 Orchard Parkway, San Jose, CA 95134-2012 (US).

(72) **PANESCU, Dorin**; Apartment 4, 382 North Fair Oaks, Sunnyvale, CA 94086 (US). **WHAYNE, James, G.**; 17930 Los Felice Road, Saratoga, CA 95070 (US). **SWANSON, David, K.**; 877 Heatherstone Way, Mountain View, CA 94040 (US). **McGEE, David**; 730 East Evelyn Avenue, No. 226, Sunnyvale, CA 94086 (US). **DUEIRI, David, F.**; Apartment 2, 2192 Aza Drive, Santa Clara, CA 95050 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19620** (13) A1

(21) PCT/US97/16533

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) en (26) en

(31) 08/743,646 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61C 5/06, B65D 25/56, G01F 23/64

(54) PACKAGED PHOTOCURABLE COMPOSITION COMPOSITION PHOTODURCISSABLE CONDITIONNEE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **KVITRUD, James, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MARTIN, Thomas, W.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SHIMOTA, Steven, E.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHRISTOFF, James, D.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

(11) **WO 98/19621** (13) A1

(21) PCT/EP97/06139

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 2748/96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61C 13/00, 13/06

(54) STRATIFIED MATERIAL FOR SUPPORT PARTS FOR DENTAL PROSTHESIS, SUPPORT PARTS AND METHOD FOR THE PRODUCTION OF A SUPPORT PART
MATERIAU STRATIFIE POUR PIECES D'APPUI POUR PROTHESES DENTAIRE, PIECES D'APPUI ET PROCEDE DE FABRICATION DE CELLES-CI

(71) **DENTAL LABOR CASELLINI MAURO AG** [CH/CH]; Kornplatz 2, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASELLINI, Fernando** [CH/CH]; Kornplatz 2, CH-7002 Chur (CH). **CASELLINI, Renzo** [CH/CH]; Kornplatz 2, CH-7002 Chur (CH).

(74) **KAMINSKI, Susanne**; Letzanaweg 25, FL-9495 Triesen (LI).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19622** (13) A1

(21) PCT/ES97/00260

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(25) es (26) es

(31) P 9602341 (32) **6 Nov/nov 1996 (06.11.1996)** (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61C 13/00, 9/00

(54) DENTAL DIGITALIZATION PROCESS
PROCEDE DE NUMERISATION DENTAIRE

(71) **NAVIMETRIC, S.L.** [ES/ES]; Serpis, 68 - 4^o Puerta 20, E-46022 Valencia (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBALAT ESTELA, Salvador** [ES/ES]; Colom, 3r - 8^o, E-46004 Valencia (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E-28014 Madrid (ES).

(81) AU CA JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19623** (13) A1

(21) PCT/US97/20679

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/743,722 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61C 15/04, A61K 7/16, D01F 8/06, 8/12, 8/14

(54) DENTAL FLOSS
SOIE DENTAIRE

(63) US 08/743,722 (CON)
6 Nov/nov 1996 (06.11.1996)

(71) **GILLETTE CANADA INC.** [CA/CA]; 16700 Trans Canada, Kirkland, Quebec H9H 4Y8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHIANG, Casper, W.** [US/US]; 860 Turrini Drive, Danville, CA 94526 (US). **PARK, Edward, Hosung** [US/US]; 28 Turning Mill Lane, Sharon, MA 02067 (US). **CASTILLO, Brad** [US/US]; 2409 Talavera Drive, San Ramon, CA 94583 (US). **TSENG, Mingchih, Michael** [US/US]; 4 Partridge Drive, Hingham, MA 02043 (US).

(74) **GALLOWAY, Peter, D.**; Ladass & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
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(11) **WO 98/19624** (13) A2

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(31) 08/740,749 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F

(54) SPEED CONTROL SYSTEM FOR IMPLANTED BLOOD PUMPS
SYSTEME DE REGLAGE DE LA VITESSE DE POMPES A SANG IMPLANTEES

(71) **NIMBUS, INC.** [US/US]; 2945 Kilgore Road, Rancho Cordova, CA 95670 (US).

(72) **ANTAKI, James, F.**; 4373 Mount Royal Boulevard, Allison Park, PA 15101 (US). **CHOI, Seong-Jin**; Apartment D-308, 5600 Fifth Avenue, Pittsburgh, PA 16232 (US). **BOSTON, John, Robert**; 308 High Oaks Court, Wexford, PA 15090 (US). **BUTLER, Kenneth, C.**; 3606 Ava Way, Carmichael, CA 95608 (US). **THOMAS, Douglas, C.**; 4613 Ladera Way, Carmichael, CA 95608 (US).

(74) **WEISSENBERGER, Harry, G.**; Law Offices of H.G. Weissenberger, Inc., Suite 309, 24221 Calle de la Louisa, Laguna Hills, CA 92653-7602 (US).

(81) AU BR CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19625** (13) A2

(21) PCT/US97/20494

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,733 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F

(54) PERCUTANEOUS BYPASS GRAFT AND SECURING SYSTEM
PONTAGE PAR GREFFE PERCUTANEE ET SYSTEME DE FIXATION

(71, 72) **HOUSER, Russell, A.** [US/US]; 1787 Verdite Street, Livermore, CA 94550 (US). **WHAYNE, James, G.** [US/US]; 17930 Los Felice Drive, Saratoga, CA 95070 (US). **FLEISCHMAN, Sidney, D.** [US/US]; 855 Woodland Avenue, Menlo Park, CA 94025 (US).

(74) **NIEBUHR, Frederick, W.**; Larkin, Hoffman, Daly & Lindgren, Ltd., 7900 Xerxes Avenue South, Bloomington, MN 55431 (US).

(81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19626** (13) A2

(21) PCT/US97/20686

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/741,762 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F

(54) METHOD AND DEVICE FOR CONTINUOUS INTRALUMENAL DELIVERY OF BIOACTIVE SUBSTANCES
PROCEDE ET DISPOSITIF D'ADMINISTRATION INTRALUMINALE CONTINUE DE SUBSTANCES BIOACTIVES

(71) **LOCALMED, INC.** [US/US]; 1820 Embarcadero Road, Palo Alto, CA 94303 (US).

(72) **KAPLAN, Aaron, V.**; 851 Carnation Court, Los Altos, CA 94024 (US).

(74) **HESLIN, James, M.** et al. / etc.; Townsend and Townsend & Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AU CA IL JP KR NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19627** (13) A1

(21) PCT/IB97/01375

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) en (26) en

(31) 08/742,377 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/00, A61L 31/00, 33/00, B05D 3/00, C08F 2/46, C23C 16/00, F16K 51/00

(54) MEDICATION INFUSION PUMP WITH PROTEIN STABILIZED SURFACE COATING
POMPE SERVANT DIFFUSER UN PRODUIT MEDICAMENTEUX ET COMPORTANT UN REVETEMENT DE SURFACE CONTRE LES DEPOTS PROTEINES

(71) **MINIMED INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **VAN ANTWERP, William, P.**; 24101 W. Del Monte Drive, Valencia, CA 91355 (US). **GULATI, Poonam, S.**; 4499 Via Marisol #135C, Los Angeles, CA 90042 (US). **DECKER, Christian, C.**; 4464 Campus Avenue, San Diego, CA 92116 (US). **ADOMIAN, Gerald, E.**; 2401 Banyan Drive, Los Angeles, CA 90049 (US). **DY, Norman, V.**; 20 Lincoln Court, Daly City, CA 94014 (US).

(74) **LOWRY, Stuart, O.**; Kelly Bauersfeld Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19628** (13) A1

(21) PCT/US97/18201

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/744,002 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06

(54) EXTENDIBLE STENT APPARATUS AND METHOD FOR DEPLOYING THE SAME
EXTENSEUR ET PROCEDE UTILISE POUR SON DEPLOIEMENT

(71, 72) **VARDI, Gil, M.** [US/US]; Apartment 1002-B, 333 E. Ontario, Chicago, IL 60611 (US). **DAVIDSON, Charles, J.** [US/US]; 1311 Sunview Lane, Winnetka, IL 60093 (US).

(74) **YOUNG, Richard, W.**; Gardner, Carton & Douglas, Suite 3400, 321 North Clark, Chicago, IL 60610 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19629** (13) A2

(21) PCT/US97/19946

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/839,199 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06, A61B 17/32

(54) MEDICAL GRAFTING CONNECTORS AND FASTENERS
DISPOSITIFS DE FIXATION ET DE RACCORD DE GREFFES MEDICALES

(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19630** (13) A2

(21) PCT/US97/19947

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/839,199 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(31) 08/958,937 (32) **28 Oct/oct 1997 (28.10.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06

(54) TUBULAR MEDICAL GRAFT CONNECTORS
DISPOSITIFS DE RACCORD DE GREFFE MEDICALE TUBULAIRE

(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) **BERG, Todd, Allen**; 1571 Broken Oak Court, Lino Lakes, MN 55038 (US). **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **PETERSON, Alex, Alden**; 17650 82nd Way North, Maple Grove, MN 55311 (US). **BOLDENOW, Gregory, Alan**; 6809 Valley Place North, Crystal, MN 55427 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19631** (13) A1

(21) PCT/US97/20060

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/844,979 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06

(54) ARTIFICIAL MEDICAL GRAFT METHODS AND APPARATUS
APPAREIL ET PROCEDES DE GREFFE CHIRURGICALE ARTIFICIELLE

(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US). **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/839,080 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06

(54) ARTIFICIAL TUBULAR BODY ORGAN GRAFTS
GREFFES D'ORGANES TUBULAIRES, ARTIFICIELLES

(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US). **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/744,632 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61F 2/06

(54) APPARATUS AND METHOD FOR LOADING A STENT ON A CATHETER
APPAREIL ET TECHNIQUE CORRESPONDANTE VISANT A MONTER UN EXTENSEUR SUR UN CATHETER

(71) **PERCUSURGE, INC.** [US/US]; 777 N. Pastoria Avenue, Sunnyvale, CA 94086 (US).

(72) **BAGAOISAN, Celso, J.**; 4441 Pomponi Street, Union City, CA 94587 (US). **ZADNO-AZIZI, Gholam-Reza**; 8213 Del Monte Avenue, Newark, CA 94560 (US). **FIELD, Jeffrey, F.**; 3061 Vista Grande, Camarillo, CA 93012 (US).

- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (21) PCT/US97/20244
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (31) 08/844,992 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 2/06, A61B 17/32
- (54) MEDICAL GRAFTING METHODS AND APPARATUS PROCEDES ET APPAREIL DE GREFFE MEDICALE
- (71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).
- (72) **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US). **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US).
- (74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19635** (13) A1
- (21) PCT/US97/20846
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (31) 08/839,298 (32) **17 Apr/avr 1997 (17.04.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 2/06
- (54) METHODS AND APPARATUS FOR HANDLING TUBING USED IN MEDICAL PROCEDURES PROCEDES ET DISPOSITIFS POUR MANIPULER DES TUBES UTILISES DANS DES ACTES MEDICAUX
- (71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

- (72) **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US). **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US).
- (74) **TREYZ, G., Victor** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (21) PCT/US97/20847
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 2/06, A61B 17/32, 17/115
- (54) MEDICAL GRAFTING METHODS AND APPARATUS PROCEDES ET DISPOSITIFS POUR REALISER UNE GREFFE
- (71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).
- (72) **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US). **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **MAZZOCCHI, Rudy**; 12 Apple Orchard Court, Dellwood, MN 55110 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US).
- (74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19637** (13) A1
- (21) PCT/US97/19894
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 08/743,717 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 2/42
- (54) METACARPAL-PHALANGEAL JOINT REPLACEMENT ARTICULATION METARCAPO-PHALANGIENNE DE REMPLACEMENT

- (71) **ASCENSION ORTHOPEDICS, INC.** [US/US]; Suite C-140, 8200 Cameron Road, Austin, TX 78754-3823 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KLAWITTER, Jerome, J.** [US/US]; 3 Humboldt Lane, Austin, TX 78746 (US). **OGILVIE, William, F.** [US/US]; 2408 West 12th Street, Austin, TX 78703 (US).
- (74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 900, 135 South LaSalle Street, Chicago, IL 60603-4277 (US).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/19638** (13) A1
- (21) PCT/US97/20502
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) en (26) en
- (31) 08/745,276 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 5/00
- (54) PNEUMATIC ACHILLES WRAP BANDAGE PNEUMATIQUE POUR LE TALON
- (71) **AIRCRAFT, INCORPORATED** [US/US]; 92 River Road, Summit, NJ 07902-0709 (US).
- (72) **JOHNSON, Glenn, W., Jr.**; 10 Friar Tuck Circle, Summit, NJ 07901 (US). **MCVICKER, Henry, J.**; 50 Pomeroy Road, Madison, NJ 07940 (US).
- (74) **SANDLER, Ronald, A.** et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker Drive, Chicago, IL 60601-1692 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19639** (13) A1
- (21) PCT/US97/20529
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/745,208 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61F 5/00
- (54) MULTI-TRAUMA THERAPEUTIC MACHINE APPAREIL DE THERAPIE POUR PERSONNES AYANT SUBI DES TRAUMATISMES MULTIPLES
- (71, 72) **BERDUT, Elberto** [US/US]; Glasgow 1808, College Park, Rio Piedras, Puerto Rico 00921 (US).
- (74) **RYZNIC, John**; Ciudad Jardin, Calle Malagueta #143, Toa Alta, Puerto Rico 00953 (PR).

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 (21) PCT/US97/09583
 (22) **30 May/mai 1997 (30.05.1997)**
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 (31) 08/746,429 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61F 5/48
 (54) URINARY INCONTINENCE VALVE WITH DISTAL AND PROXIMAL ANCHORING MEANS VALVE POUR INCONTINENCE URINAIRE AVEC MOYENS DE FIXATION DISTAUX ET PROXIMAUX
 (71) **PRI-MED INTERNATIONAL CORP.** [US/US]; Suite 100, 8990 Springbrook Drive, Coon Rapids, MN 55433 (US).
 (72) **ARDITO, James, R.;** 11870 Undercliff Street, Coon Rapids, MN 55433 (US).
 (74) **MARESH, Catherine, C.;** Haugen and Nikolai, P.A., Suite 820, 900 2nd Avenue South, Minneapolis, MN 55402-3325 (US).
 (81) AU BR CA CN CZ HU IL JP MX NZ PL RU SG TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (21) PCT/US97/20080
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 60/030,361 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (31) Not furnished / non communiqué (32) **30 Oct/oct 1997 (30.10.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61F 6/06
 (54) VAGINAL DEVICE FOR PREVENTING CONCEPTION OR THE TRANSMISSION OF SEXUALLY TRANSMITTED DISEASES, OR BOTH DISPOSITIF VAGINAL UTILISE EN CONTRACEPTION OU DANS LA PREVENTION DE LA TRANSMISSION DES MALADIES SEXUELLEME-NT TRANSMISSIBLES, OU LES DEUX
 (63) US Not furnished / non communiqué (CON) 30 Oct/oct 1997 (30.10.1997)
 (71) **FAMILY HEALTH INTERNATIONAL** [US/US]; 2224 Chapel Hill-Nelson Highway, Durham, NC 27713 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SOKAL, David, C.** [US/US]; 209 East Jackson Street, Mebane, NC 27302 (US). **DORFLINGER, Lanetta, J.** [US/US]; 4213 Theford Road, Durham, NC 27707 (US). **LUUKKAINEN, J., V., Tapani** [FI/FI]; Hiiralankaari 23 A 3, FIN-02160 Espoo (FI). **MARTIN, Parthena, M.** [US/US]; 49A Poplar Street, Chapel Hill, NC 27516 (US).

(74) **HANDELMANN, Joseph, H.;** Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19642** (13) A1
 (21) PCT/CH97/00417
 (22) **3 Nov/nov 1997 (03.11.1997)**
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 (31) 2724/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) CH
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61F 9/00
 (54) DEVICE FOR OPTICALLY EXAMINING AND/OR TREATING THE HUMAN EYE DISPOSITIF D'EXAMEN OPTIQUE ET/OU DE TRAITEMENT DE L'OEIL HUMAIN
 (71) **MERIDIAN AG** [CH/CH]; c/o Haag-Streit AG, Gartenstadtstrasse 10, CH-3098 Köniz (CH).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DÜRR, Ulrich** [DE/CH]; Wylergasse 24, CH-3608 Thun (CH). **FANKHAUSER, Franz** [CH/CH]; Kramgasse 55, CH-3011 Bern (CH). **HEACOCK, Greg** [US/GB]; St. Thomas Hospital, UMDS, Dept. of Ophthalmology, St. Thomas Hospital, Lambeth Palace Road, London SE1 7EH (GB).

(74) **KELLER, René** et al. / etc.; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH-3000 Bern 7 (CH).
 (81) CA IL JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19643** (13) A1
 (21) PCT/JP97/03877
 (22) **24 Oct/oct 1997 (24.10.1997)**
 (25) en (26) en
 (31) 8/11906 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61F 13/12
 (54) PACK FOR THE NOSE GARNITURE POUR LE NEZ
 (71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayabacho 1-chome, Chuo-ku, Tokyo 103 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ISHIDA, Koichi** [JP/JP]; Kao Corporation, Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131 (JP).
 (74) **TAJIME, Noboru** et al. / etc.; New-Well-Ikuta Building, Room No. 502, 26-28, Mita 1-chome, Tama-ku, Kawasaki-shi, Kanagawa 214 (JP).
 (81) AU ID SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19644** (13) A1
 (21) PCT/US97/20159
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/743,482 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61F 13/15
 (54) ABSORBENT ARTICLE HAVING BARRIER CUFFS ARTICLE ABSORBANT POURVU DE MANCHONS FAISANT BARRIERE
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **TROMBETTA, Liberatore, Antonio;** 114 Rosslyn Avenue, North, Hamilton, Ontario L8L 7P4 (CA). **DARBY, Dennis, Allen;** 35 Trenholme Crescent, Hamilton, Ontario L8W 2L4 (CA).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/KR97/00212
 (22) **1 Nov/nov 1997 (01.11.1997)**
 (25) en (26) en
 (31) 1996/38065 U (32) **1 Nov/nov 1996 (01.11.1996)** (33) KR
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61G 3/06, 5/04
 (54) CAR FOR HANDICAPPED PERSONS VOITURE POUR HANDICAPES
 (71, 72) **HWANG, Chul** [KR/KR]; 975-5 (#GA-202) Kesan-dong, Buk-gu, Incheon 403-050 (KR).

(81) AL AU BG BR CA CN CZ EE GE HU IS JP KP KR LT MK MX NO NZ PL RO SG SK TR UA US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/19646** (13) A1
 (21) PCT/IL97/00345
 (22) **29 Oct/oct 1997 (29.10.1997)**
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 (31) 119564 (32) **4 Nov/nov 1996 (04.11.1996)** (33) IL
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61G 10/00, A61M 15/00, A62B 29/00, 31/00, 37/00
 (54) TREATED AIR SUPPLY ALIMENTATION EN AIR TRAITE

- (71) **RESPIRAID LTD.** [IL/IL]; P.O. Box 12, 12900 Katzin (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEMBERG, Mark, E.** [IL/IL]; Marganit Street 7/2, 17871 Upper Nazareth (IL). **MENSHIN, Valentina, A.** [IL/IL]; Marganit Street 7/2, 17871 Upper Nazareth (IL).
- (74) **BEN-DAVID, Yirmiyahu, M.**; Jeremy M. Ben-David & Co., Har Hotzvim Hi-Teck Park, P.O. Box 45087, 91450 Jerusalem (IL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19647** (13) A1
(21) PCT/US97/20527
(22) **7 Nov/nov 1997 (07.11.1997)**
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(31) 60/030,641 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 08/867,010 (32) **2 Jun/juin 1997 (02.06.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61J 7/00
- (54) LIQUID MEDICATION DISPENSER APPARATUS
APPAREIL DISTRIBUTEUR DE MEDICAMENT LIQUIDE
- (71) **TRI-CONTINENT SCIENTIFIC, INC.** [US/US]; Suite 2, 12555 Loma Rica Drive, Grass Valley, CA 95945 (US).
- (72) **NICHOLSON, Laurence, R.**; Suite 313, 200 Litton Drive, Grass Valley, CA 95945 (US). **TYNER, Cliff**; 11324 Alta Sierra Drive, Grass Valley, CA 95949 (US). **McENROE, Debra, L.**; 123 Rockwood Drive, Grass Valley, CA 95945 (US). **BRITTS, Robert, A.**; 14593 Sunrock, Nevada City, CA 95959 (US). **POULETTY, Philippe**; 25 Oakhill Drive, Woodside, CA 94062 (US). **LEVY, Ralph**; 6637 Amber Lane, Pleasanton, CA 94566 (US).
- (74) **O'BANION, John, P.**; Gerber, Ritchey & O'Banion LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(31) 60/029,909 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K
- (54) ISOQUINOLONONES
ISOQUINOLONONES
- (71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
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- (72, 75) **AMEGADZIE, Albert, Kudzoi** [GH/US]; 208 Cedarwood Lane, Carrboro, NC 27510 (US). **CAREY, Maureen, Elizabeth** [US/US]; 43860 Arlington, Canton, MI 48187 (US). **DOMAGALA, John, Michael** [US/US]; 47693 Red Run, Canton, MI 48187 (US). **HUANG, Liren** [CN/CA]; Apartment 202, 10610 79th Avenue, Edmonton, Alberta T6E 1S1 (CA). **MICETICH, Ronald, George** [CA/CA]; 12 Braeside Terrace, Sherwood Park, Alberta T8A 3V6 (CA). **SINGH, Rajeshwar** [CA/CA]; 7927 22nd Avenue, Edmonton, Alberta T6K 1Z2 (CA). **STIER, Michael, Andrew** [US/US]; 4886 Club Place, Ypsilanti, MI 48197 (US). **VAISBURG, Arkadii** [RU/CA]; Apartment 104, Redwood Court, 5010 Riverbend Road, Edmonton, Alberta T6H 5J7 (CA). **SANCHEZ, Joseph, Peter** [US/US]; 22372 Antler Drive, Novi, MI 48050 (US).
- (74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.
- (81) AL AU BA BB BG BR CA CN CZ EE GE HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19649** (13) A2
(21) PCT/US97/20116
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/028,708 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(31) 08,963,058 (32) **3 Nov/nov 1997 (03.11.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K
- (54) METHODS AND COMPOSITIONS FOR INHIBITION OF ANGIOGENESIS
METHODES ET COMPOSITIONS VISANT A L'INHIBITION DE L'ANGIOGENESE
- (71) **THE CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
- (72) **D'AMATO, Robert, J.**; 65 Huron Avenue, Cambridge, MA 02138 (US).
- (74) **MERCHANT, Mary, Anthony** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).
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- (11) **WO 98/19650** (13) A1
(21) PCT/US97/18966
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) en (26) en
- (31) 08/742,019 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 6/083
- (54) DENTAL COMPOSITION SYSTEM AND METHOD
FORMULE ET PROCEDE POUR COMPOSITION DENTAIRE
- (71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).
- (72) **LU, Kewang**; 696 Independence Boulevard, Dover, DE 19901 (US). **HAMMEFAHR, Paul, D.**; 605 Quail Run, Wyoming, DE 19934 (US).
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- (11) **WO 98/19651** (13) A1
(21) PCT/US97/19735
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 08/742,300 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 7/00, 7/42, 35/78
- (54) NON-CHEMICAL SUNSCREEN COMPOSITION
COMPOSITION DE FILTRE SOLAIRE NON CHIMIQUE
- (71) **E-L MANAGEMENT CORPORATION** [US/US]; 767 5th Avenue, New York, NY 10153 (US).
- (72) **MANIRAZMAN, Abul, M.**; 64541 Belle Terre Road, Port Jefferson, NY 11777 (US).
- (74) **FLINTOFT, Gerald, J.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19652** (13) A1
(21) PCT/EP97/06056
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 9623026.3 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 7/035, 7/48
- (54) SPRAY-DRYED POWDER COMPRISING AT LEAST ONE PROTEIN AND ONE HYDROLYSED STARCH AND ITS USE FOR TOPICAL COMPOSITIONS

POUDRE SECHÉE PAR PULVERISATION CONTENANT AU MOINS UNE PROTEINE ET UN AMIDON HYDROLYSE, ET SON UTILISATION DANS DES COMPOSITIONS TOPIQUES

(71) **THE BOOTS COMPANY PLC** [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVISON, Jane** [GB/GB]; (GB). **GALLEY, Edward** [GB/GB]; (GB). **HAMILTON, Lloyd, George** [GB/GB]; (GB). **BUTCHER, Kate, Elizabeth** [GB/GB]; The Boots Company plc, 1 Thane Road West, Nottingham NG2 3AA (GB).

(74) **THACKER, Michael, Anthony**; The Boots Company plc, Group Patents Dept., D31, 1 Thane Road West, Nottingham NG2 3AA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/06

(54) HAIR STYLING COMPOSITION COMPOSITION DE MAINTIEN D'UNE COIFFURE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAMBU, Takanori** [JP/JP]; 3-20-903, Morigo-cho 2-chome, Nada-ku, Kobe 657 (JP).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) BR CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19654** (13) A1

(21) PCT/US96/17520

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/06

(54) HAIR MOUSSE COMPOSITION COMPRISING SILICONE EMULSION COMPOSITION DE MOUSSE POUR LES CHEVEUX CONTENANT UNE EMULSION A LA SILICONE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **UCHIYAMA, Hirotaka**; 5-8-17-3B, Nishiokamoto, Higashinada-ku, Kobe 658 (JP). **MOSS, Brett, Kenneth**; 95 Bettington Road, Oatlands, NSW 2117 (AU).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) BR CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19655** (13) A1

(21) PCT/US96/17521

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/06

(54) HAIR CONDITIONING COMPOSITION COMPRISING SILICONE EMULSION COMPOSITION DE CONDITIONNEMENT POUR LES CHEVEUX CONTENANT UNE EMULSION SILICONE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIYAMA, Hirotaka** [JP/JP]; 5-8-17-3B, Nishiokamoto, Higashinada-ku, Kobe 658 (JP).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19656** (13) A1

(21) PCT/US96/17578

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/06

(54) SHAMPOO COMPOSITION COMPRISING SILICONE EMULSION COMPOSITION DE SHAMPOOING CONTENANT UNE EMULSION DE SILICONES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIYAMA, Hirotaka** [JP/JP]; 5-8-17-3B, Nishiokamoto, Higashinada-ku, Kobe 658 (JP).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19657** (13) A1

(21) PCT/FR97/01974

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13544 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/09

(54) COMPOSITION FOR THE PERMANENT DEFORMATION OF KERATINOUS FIBERS, METHOD OF PRODUCTION AND APPLICATION COMPOSITION POUR LA DEFORMATION PERMANENTE DES FIBRES KERATINIQUES, OBTENTION ET MISE EN OEUVRE

(71) **EUGENE PERMA** [FR/FR]; 9, rue d'Athènes, F-75009 Paris (FR).
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(72, 75) **GALERNE, Jean** [FR/FR]; 28, rue Eugène Dulac, F-93160 Noisy-le-Grand (FR). **SAINT-MARTIN, Monique** [FR/FR]; 23, avenue du Bel Air, F-75012 Paris (FR). **MAZOYER, Monique** [FR/FR]; 61, Grande Rue, F-77410 Villevaude (FR).

(74) **PHILIP, Bruno**; Cabinet Harlé & Phélip, 21, rue de la Rochefoucauld, F-75009 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19658** (13) A1

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(31) 196 45 538.3 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/13

(54) DYEING AGENT FOR DYEING KERATIN FIBRES AGENT DE COLORATION DE FIBRES KERATINIQUES

(71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAUN, Hans-Jürgen** [DE/CH]; Kapellacker 10d, CH-3182 Ueberstorf (CH).

(74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19659** (13) A1

(21) PCT/EP97/05336

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 196 45 540.5 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/13
- (54) DYEING AGENT FOR DYEING KERATIN FIBRES
AGENT ET PROCEDE POUR LA COLORATION DE FIBRES KERATINIQUES
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
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- (72, 75) **BRAUN, Hans-Jürgen** [DE/CH]; Kapellacker 10d, CH-3182 Ueberstorf (CH).
- (74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/19660** (13) A1
- (21) PCT/EP97/05337
- (22) **29 Sep/sep 1997 (29.09.1997)**
- (25) de (26) de
- (31) 196 45 539.1 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/13
- (54) COLORANTS FOR COLOURING KERATIN FIBRES
COLORANT S'UTILISANT DANS LA COLORATION DE FIBRES KERATINIQUES
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRAUN, Hans-Jürgen** [DE/CH]; Kapellacker 10d, CH-3182 Ueberstorf (CH).
- (74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19661** (13) A1
- (21) PCT/EP97/05338
- (22) **29 Sep/sep 1997 (29.09.1997)**
- (25) de (26) de
- (31) 196 45 541.3 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/13
- (54) COLORANTS FOR COLOURING KERATIN FIBRES
COLORANT S'UTILISANT DANS LA COLORATION DE FIBRES KERATINIQUES
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRAUN, Hans-Jürgen** [DE/CH]; Kapellacker 10d, CH-3182 Ueberstorf (CH).
- (74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19662** (13) A1
- (21) PCT/FR97/01901
- (22) **23 Oct/oct 1997 (23.10.1997)**
- (25) fr (26) fr
- (31) 96/13600 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/13
- (54) COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN DERIVE DE PARAPHENYLENEDIAMINE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AUDOUSSET, Marie-Pascale** [FR/FR]; 1, allée Louis Jouvot, F-92000 Asnières (FR). **COTTERET, Jean** [FR/FR]; 13, rue du Pré Rousselin, F-78480 Verneuil sur Seine (FR).
- (74) **MISZPUTEN, Laurent**; L'Oréal - D.P.I., 90, rue du Général Roguet, F-92583 Clichy Cedex (FR).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE FI GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19663** (13) A1
- (21) PCT/EP97/06074
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) en (26) en
- (31) 2719/96 (32) **4 Nov/nov 1996 (04.11.1996)** (33) CH
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/48, 47/36
- (54) COMPOSITIONS FOR TOPICAL USE CONTAINING POLYSACCHARIDE SULPHATES
COMPOSITIONS A USAGE TOPIQUE CONTENANT DES SULFATES DE POLYSACCHARIDE
- (71) **APR APPLIED PHARMA RESEARCH S.A.** [CH/CH]; Via Giulia, 43, CH-6855 Stabio (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REINER, Alberto** [IT/IT]; Via Mentana, 23/B, I-22100 Como (IT). **REINER, Giorgio** [IT/IT]; Via Rusconi, 24, I-22100 Como (IT).
- (74) **DRAGOTTI, Gianfranco**; Saic Brevetti S.r.l., Galleria San Babila, 4/D, I-20122 Milano (IT) et al. / etc.
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/19664** (13) A2
- (21) PCT/FR97/01988
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) fr (26) fr
- (31) 96/13585 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/48, 7/06, 35/78
- (54) USE OF A POTENTILLA ERECTA EXTRACT IN THE COSMETIC AND PHARMACEUTICAL FIELD
UTILISATION D'UN EXTRAIT DE POTENTILLA ERECTA DANS LE DOMAINE DE LA COSMETIQUE ET DE LA PHARMACIE
- (71) **LVMH RECHERCHE** [FR/FR]; 25, rue des Peupliers, F-92752 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BONTE, Frédéric** [FR/FR]; 54, rue Trudelle, F-45100 Orléans (FR). **DUMAS, Marc** [FR/FR]; 61 résidence le Windsor, 47 ter, avenue de la Mouillère, F-45100 Orléans (FR). **CHAUDAGNE, Catherine** [FR/FR]; 4, rue des Mésanges, F-45530 Vitry-aux-Loges (FR). **MEYBECK, Alain** [FR/FR]; Les Poissons, 20 ter, rue de Bezons, F-92400 Courbevoie (FR).
- (74) **GIRAUD, Françoise** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75007 Paris (FR).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19665** (13) A1
- (21) PCT/US96/17522
- (22) **4 Nov/nov 1996 (04.11.1996)**
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 7/48
- (54) SKIN LIGHTENING COMPOSITIONS
COMPOSITIONS ECLAIRCISSANTES POUR LA PEAU
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWATO, Junji** [JP/JP]; 15-9 Nakamura-cho, Omihachiman, Shiga 523 (JP). **VENKATESWARAN, Ananthanarayan** [IN/JP]; 4-127-904, Koyo-cho, Naka 1-cho, Higashinada-ku, Kobe 658 (JP).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19666** (13) A1
- (21) PCT/US97/18983
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) en (26) en
- (31) 08/744,526 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 7/50

(54) PERSONAL LIQUID CLEANSER PRODUCT WITH PARTICULATE BICARBONATE SUSPENSION PHASE
PRODUIT NETTOYANT LIQUIDE D'HYGIENE CORPORELLE AVEC PHASE DE SUSPENSION DE BICARBONATE PARTICULAIRE

(71) CHURCH & DWIGHT COMPANY, INC. [US/US]; 469 North Harrison Street, Princeton, NJ 08543 (US).

(72) CETTINA, Melinda; 11 Trellis Way, Robbinsville, NJ 08691 (US). BERGMANN, Wolfgang; 52 Warren Court, Princeton, NJ 08540 (US).

(74) DEPAOLI, George, A.; Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20424

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 60/030,266 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 9/20

(54) SUSTAINED RELEASE FORMULATION CONTAINING DFMO
FORMULATION A LIBERATION PROLONGEE CONTENANT DE LA DFMO

(71) ILEX ONCOLOGY, INC. [US/US]; Suite 300, 11550 IH 10 West, San Antonio, TX 78230-1064 (US).
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(72, 75) WEIS, Alexander [-/US]; 22 Galeria Drive, San Antonio, TX 78257 (US). MCGINITY, James [US/US]; 4209 Dunning Lane, Austin, TX 78746 (US).

(74) MAYFIELD, Denise, L.; Vinson & Elkins, L.L.P., Suite 2300, 1001 Fannin Street, Houston, TX 77002-6760 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20851

(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 08/740,981 (32) 6 Nov/nov 1996 (06.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 9/50, 31/44

(54) DELAYED DELIVERY SYSTEM FOR ACID-SENSITIVE DRUGS
MODE D'ADMINISTRATION DIFFEREE DE MEDICAMENTS SENSIBLES AUX ACIDES

(63) US 08/740,981 (CIP)
6 Nov/nov 1996 (06.11.1996)

(71) SHARMATEK, INC. [US/US]; 12 Walnut Drive, Long Valley, NJ 07853 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHARMA, Vinay, K. [US/US]; 12 Walnut Drive, Long Valley, NJ 07853 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AU ID JP KR NO NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/US97/19765

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 08/741,781 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 9/68

(54) CHEWING GUM CONTAINING COLLOIDAL BISMUTH SUBCITRATE
CHEWING-GUM CONTENANT DU SOUS-CITRATE DE BISMUTH COLLOIDAL

(71) JOSMAN LABORATORIES, INC. [US/US]; 318 W. Katella Avenue, Orange, CA 92667 (US).

(72) ATHANIKAR, Narayan, K.; 31 Carson, Irvine, CA 92720 (US).

(74) RICHARDS, Marc, V.; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/19670 (13) A2

(21) PCT/US97/19763

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 08/743,114 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(31) 08/870,662 (32) 6 Jun/juin 1997 (06.06.1997) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/00, 31/495, 31/41

(54) METHODS AND COMPOSITIONS FOR TREATMENT OF HEPATITIS C INFECTION
PROCEDES ET COMPOSITIONS DE TRAITEMENT DES INFECTIONS PAR LE VIRUS DE L'HEPATITE C

(63) US 08/743,114 (CIP)
1 Nov/nov 1996 (01.11.1996)
US 08/870,662 (CIP)

6 Jun/juin 1997 (06.06.1997)

(71, 72) NAJARIAN, Thomas [US/US]; 18 Mannix Circle, Belmont, MA 02178 (US).

(74) DECONTI, Giulio, A., Jr. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) 6 Nov/nov 1997 (06.11.1997)

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(31) 08/744,501 (32) 7 Nov/nov 1996 (07.11.1996) (33) US

(31) 08/757,601 (32) 29 Nov/nov 1996 (29.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/00, 38/00, 48/00, C12N 5/00, 15/00

(54) METHODS AND COMPOSITIONS FOR THE TREATMENT OF BONE RESORPTION DISORDERS, INCLUDING OSTEOPOROSIS
TECHNIQUES DE TRAITEMENT DE LA RESORPTION OSSEUSE, NOTAMMENT DE L'OSTEOPOROSE, ET COMPOSITIONS AFFERENTES

(71) THE MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK [US/US]; One Gustave Levy Place, New York, NY 10029-6574 (US). BRIGHAM AND WOMEN'S HOSPITAL [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) GELB, Bruce, D.; 28 Summit Terrace, Dobbs Ferry, NY 10522 (US). CHAPMAN, Harold; 435 Waban Avenue, Newton, MA 02168 (US). DESNICK, Robert, R.; 329 West 4th Street, New York, NY 10014 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AU CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/19672 (13) A1

(21) PCT/US97/19870

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 08/740,764 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/165, 31/38, 31/40, 31/415, 31/425, 31/44, 31/47, 31/50, 31/505, C07D 207/24, 207/46, 211/72, 211/84, 213/72, 213/75, 213/81, 213/83, 233/28, 233/30, 233/32, 233/38, 277/22, 279/04, 279/06, 295/00, 401/00, 417/00, 487/00

(54) NITROSATED AND NITROSYLATED PHOSPHODIESTERASE INHIBITOR COMPOUNDS, COMPOSITIONS AND THEIR USES
COMPOSES NITROSEES ET NITROSYLES INHIBITEURS DE LA PHOSPHODIESTERASE, COMPOSITIONS COMPRENANT CES COMPOSES ET UTILISATIONS CORRESPONDANTES

- (71) **NITROMED INC.** [US/US]; 12 Oak Park Drive, Bedford, MA 01730 (US).
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- (72, 75) **GARVEY, David, S.** [US/US]; 10 Grand Hill Drive, Dover, MA 02030 (US). **SAENZ DE TEJADA, Inigo** [US/ES]; Francisco Sanfiz, N-07, Aravaca, E-28023 Madrid (ES).
- (74) **HERRON, Charles, J.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/740,711 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 31/165, 31/215, 31/235, 31/24, 31/19

(54) ANTI-VIRAL AGENTS AND METHODS RELATING TO THE USE THEREOF
AGENTS ANTIVIRAUX ET LEURS PROCÉDES D'UTILISATION

(71) **SIGNAL PHARMACEUTICALS, INC.** [US/US]; 5555 Oberlin Drive, San Diego, CA 92121 (US).
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(74) **HERMANN, Karl, R.** et al. / etc.; Seed and Berry, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19674** (13) A2
(21) PCT/DK97/00502
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 1243/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 31/195, 31/485, 35/00

(54) A METHOD FOR TREATING TENSION-TYPE HEADACHE
PROCÉDE DE TRAITEMENT DE CEPHALEES DU TYPE PAR TENSION NERVEUSE

(71, 72) **OLESEN, Jes** [DK/DK]; Lemchesvej 3, DK-2900 Hellerup (DK). **BENDTSEN, Lars** [DK/DK]; Skovlodsvej 7, DK-4200 Slagelse (DK). **JENSEN, Rigmor** [DK/DK]; Kongsbjergvej 6, DK-2830 Virum (DK). **MADSEN, Ulf** [DK/DK]; Fredensvej 6, DK-2970 Hørsholm (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS;** Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19675** (13) A1
(21) PCT/US97/20098
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/030,394 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/23

(54) USE OF CONJUGATED LINOLEIC ACID TO ENHANCE NATURAL KILLER LYMPHOCYTE FUNCTION
UTILISATION DE L'ACIDE LINOLEIQUE CONJUGUE POUR AMELIORER LA FONCTION DES LYMPHOCYTES TUEURS NATURELS

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 North Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).

(72) **COOK, Mark, E.**; 15 Kewaunee Court, Madison, WI 53705 (US). **KIM, Sohee**; Samik Apt., 7 dong, 511, 313, Dongdaesin 2 Ga, Suh-gu, Pusan (KR). **PARIZA, Michael, W.**; 7102 Valhalla Trail, Madison, WI 53719 (US). **DeVONEY, Danielle**; 69 Ponwood Circle, Madison, WI 53717-1179 (US).

(74) **BERSON, Bennett, J.**; Quarles & Brady, P.O. Box 2113, Madison, WI 53701-2113 (US).

(81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19676** (13) A1
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(31) 60/030,046 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/325, C07D 277/36, 279/06

(54) METHOD FOR TREATMENT OF GLUTAMATE RELATED DISORDERS
PROCÉDE POUR TRAITER LES TROUBLES LIES AU GLUTAMATE

(71, 72) **FAIMAN, Morris, D.** [US/US]; 610 West 28th Place, Lawrence, KS 66046 (US). **SCHLOSS, John, V.** [US/US]; 925 West 18th Street, Lawrence, KS 66044 (US). **WU, Jang-Yen** [US/US]; 1113 Wellington Road, Lawrence, KS 66049 (US).

(74) **VIKSININS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 8/293061 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(31) 9/204711 (32) **30 Jul/juil 1997 (30.07.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/40 // C07D 487/22

(54) TREATMENT OF AUTOIMMUNE DISEASES BY PHOTOCHEMOTHERAPY
TRAITEMENT DE MALADIES AUTO-IMMUNES PAR PHOTOCHEMIOETHERAPIE

(71) **MELJI SEIKA KAISHA, LTD.** [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).
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(72, 75) **KUROIWA, Yukari** [JP/JP]; Meiji Seika Kaisha, Ltd., Pharmaceutical Research Center, 760 Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222 (JP). **ARAAKE, Minako** [JP/JP]; Meiji Seika Kaisha, Ltd., Pharmaceutical Research Center, 760 Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222 (JP). **SUWA, Hiroshi** [JP/JP]; Tokyo Medical College, 1-1, Shinjuku 6-chome, Shinjuku-ku, Tokyo 160 (JP). **AIZAWA, Katsuo** [JP/JP]; Tokyo Medical College, 1-1, Shinjuku 6-chome, Shinjuku-ku, Tokyo 160 (JP).

(74) **YAGITA, Shigeru** et al. / etc.; Bussan Building Bekkan, 1-15, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105 (JP).

(81) CA JP US.

- (11) **WO 98/19678** (13) A1
(21) PCT/US96/17686
(22) **6 Nov/nov 1996 (06.11.1996)**
(25) en (26) en
(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/445, 9/00

(54) IMPROVED INTRAOCULAR IRRIGATING SOLUTION CONTAINING A POLYAMINE ANTAGONIST
SOLUTION D'IRRIGATION INTRAOCULAIRE AMELIOREE CONTENANT UN ANTAGONISTE DE LA POLYAMINE

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
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(72, 75) **DeSANTIS, Louis, Jr.** [US/US]; 2316 Winton Terrace West, Fort Worth, TX 76109 (US). **KAPIN, Michael, A.** [US/US]; 3602 Silkwood Trail, Arlington, TX 76016 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

(81) AU CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19679** (13) A1

(21) PCT/GB97/03036

(22) **5 Nov/nov 1997 (05.11.1997)**

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(31) 9622981.0 (32) **5 Nov/nov 1996 (05.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/52

(54) CYCLOPENTYLXANTHINE DERIVATIVES FOR USE IN THE TREATMENT OF CYSTIC FIBROSIS
DERIVES DE LA CYCLOPENTYLXANTHINE POUVANT ETRE UTILISES DANS LE TRAITEMENT DE LA MUCOVISCIDOSE

(71) **UNIVERSITY OF WALES COLLEGE OF MEDICINE** [GB/GB]; Heath Park, Cardiff CF4 4XN (GB).
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(72, 75) **McPHERSON, Margaret, Ann** [GB/GB]; Wenvoe, Craig-y-Eos Road, Ogmores-by-Sea, Mid Glamorgan CF32 0PG (GB). **DORMER, Robert, Leslie** [GB/GB]; Wenvoe, Craig-y-Eos Road, Ogmores-by-Sea, Mid Glamorgan CF32 0PG (GB). **PEREIRA, Malcolm, Martin, Claude** [GB/GB]; 6 Longspears Avenue, Heath, Cardiff CF4 3NU (GB).

(74) **NEWELL, William, Joseph** et al. / etc.; Wynne-Jones, Laine & James, Morgan Arcade Chambers, 33 St. Mary Street, Cardiff CF1 2AB (GB).

(81) AU CA US.

(11) **WO 98/19680** (13) A1

(21) PCT/US97/15793

(22) **5 Sep/sep 1997 (05.09.1997)**

(25) en (26) en

(31) 60/029,538 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/557, 31/54

(54) USE OF A COMBINATION OF CARBONIC ANHYDRASE INHIBITORS AND PROSTAGLANDINS FOR TREATING GLAUCOMA
UTILISATION D'UNE COMBINAISON D'INHIBITEURS D'ANHYDRASE CARBONIQUE ET DE PROSTAGLANDINES DANS LE TRAITEMENT DU GLAUCOME

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
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(72, 75) **DEAN, Thomas, R.** [US/US]; 101 Meadow View Court, Weatherford, TX 76087 (US). **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive East, Fort Worth, TX 76109 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

(81) AU CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/743,153 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/57, 31/565 // (A61K 31/57, 31:565)

(54) PROGESTERONE FOR TREATING OR REDUCING ISCHEMIA
PROGESTERONE UTILISEE POUR TRAITER OU REDUIRE L'ISCHEMIE

(71) **COLUMBIA LABORATORIES, INC.** [US/US]; Suite PH-11, 2665 South Bayshore Drive, Coconut Grove, FL 33133 (US).

(72) **LEVINE, Howard, L.**; 107 Balsam Street, Ocean-side, NY 11572 (US). **BOLOGNA, William, J.**; 501 East 79th Street, New York, NY 10021 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AM AU BR BY CA CN GE HU JP KG KR KZ LV MD MX NO NZ RO RU SI SK TJ UA UZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19682** (13) A1

(21) PCT/US97/19595

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,541 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/575

(54) CERTAIN AMINOSTEROL COMPOUNDS AND USES THEREFOR
CERTAINS COMPOSES AMINOSTEROLS ET LEUR UTILISATION

(71) **MAGAININ PHARMACEUTICALS INC.** [US/US]; 5110 Campus Drive, Plymouth Meeting, PA 19462 (US).

(72) **ZASLOFF, Michael**; 274 Linden Lane, Merion Station, PA 19066 (US). **WILLIAMS, Jon**; 11 Darvel Drive, Robbinsville, NJ 08691 (US). **KINNEY, William**; 115 Elm Avenue, Churchville, PA 18966 (US). **ALPER, Seth**; 75 Orchard Street, Boston, Maine 02130 (US).

(74) **RAUCHHOLZ, William, F** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) PO 3473 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/70, 31/28, 31/57, 31/58

(54) SYNERGISTIC GOLD-CONTAINING COMPOSITIONS
COMPOSITIONS SYNERGIQUES CONTENANT DE L'OR

(71) **MEDICAL INNOVATIONS LIMITED** [AU/AU]; Unit 2, 83-85 Whiting Street, Artarmon, NSW 2064 (AU).
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(74) **SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19684** (13) A2

(21) PCT/EP97/06135

(22) **5 Nov/nov 1997 (05.11.1997)**

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(31) 196 45 712.2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/70, 9/14, 9/16

(54) PREPARATION OF DRIED LACTULOSE MEDICAMENT FORMS
PREPARATION DE FORMES SECHEES DE MEDICAMENTS A BASE DE LACTULOSE

(71) **FRESENIUS PHARMA AUSTRIA GMBH** [AT/AT]; Hafnerstrasse 36, A-8055 Graz (AT).
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(72, 75) **WEISSBACH-BERGER, Christiane** [DE/AT]; Eignerstrasse 2, A-4020 Linz (AT).

(74) **WEICKMANN H.**, et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

(81) CA CZ HU JP KR NO SI US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19685** (13) A1

(21) PCT/US97/18766

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/744,367 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 31/70

- (54) METHOD OF TREATING BRONCHITIS WITH URIDINE TRIPHOSPHATES AND RELATED COMPOUNDS
TRAITEMENT DE LA BRONCHITE AVEC DES URIDINE TRIPHOSPHATES ET COMPOSES ASSOCIES
- (63) US 08/744,367 (CIP)
7 Nov/nov 1996 (07.11.1996)
- (71) **INSPIRE PHARMACEUTICALS, INC.** [US/US]; Suite 470, 4222 Emperor Boulevard, Durham, NC 27703 (US).
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- (72, 75) **SHAFFER, Christy, L.** [US/US]; 3 Wysteria Way, Chapel Hill, NC 27514 (US). **BOUCHER, Richard, C.** [US/US]; 735 Gimghoul Road, Chapel Hill, NC 27514 (US). **RIDEOUT, Janet, L.** [US/US]; 3101 Morningside Drive, Raleigh, NC 27607 (US). **JACOBUS, Karla, M.** [US/US]; 200 Riverside Circle, Cary, NC 27511 (US).
- (74) **HALLUIN, Albert, P.**; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(31) 60/030,358 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 08/884,866 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 31/70, C07H 21/00
(54) THERAPEUTIC METHODS FOR VASCULAR INJURY
METHODES THERAPEUTIQUES POUR LESION VASCULAIRE
(63) US 60/030,358 (CIP)
8 Nov/nov 1996 (08.11.1996)
US 08/884,866 (CIP)
30 Jun/juin 1997 (30.06.1997)
(71) **REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO** [US/US]; 9500 Gilman Drive, La Jolla, CA 92093-0919 (US).
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(74) **FAWCETT, Robroy, R.**; Gray Cary Ware & Freidenrich, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19687** (13) A1
(21) PCT/KR97/00058
(22) **3 Apr/avr 1997 (03.04.1997)**
(25) ja (26) ja
(31) 1996/52651 (32) **7 Nov/nov 1996 (07.11.1996)** (33) KR
(31) 1997/9266 (32) **19 Mar/mar 1997 (19.03.1997)** (33) KR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 35/78, A23L 2/38
(54) NATURAL TEAS FOR TAKING OFF THE EFFECTS OF DRINK AND PROCESS FOR THE PRODUCTION THEREOF
THES NATURELS DESTINES A COMBATTRE LES EFFETS DE LA BOISSON ET PROCEDES DE PREPARATION DESDITS THES
(71, 72) **NAM, Jong, Hyun** [KR/KR]; 26-5, Koyo-dong, Songpa-ku, Seoul 138-110 (KR). **SHIN, Sam, Rye** [KR/KR]; 410-10, Taebang-dong, Tongjak-ku, Seoul 156-020 (KR).
(74) **CHUNG, Tae, Ryouon**; Chung & Co., 12th floor, Hyundai Jeonwon Officetel, 1589-7, Socho-dong, Socho-gu, Seoul 137-070 (KR).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19688** (13) A1
(21) PCT/KR97/00197
(22) **21 Oct/oct 1997 (21.10.1997)**
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(31) 1996/51572 (32) **1 Nov/nov 1996 (01.11.1996)** (33) KR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 35/78
(54) PHARMACEUTICAL COMPOSITION FOR TREATMENT OF DIABETES
COMPOSITION PHARMACEUTIQUE SERVANT A TRAITER LE DIABETE
(71) **SAM CHUN DANG PHARM. CO., LTD.** [KR/KR]; 94-97, Youngdeongpo-dong 7-ga, Youngdeongpo-gu, Seoul 150-037 (KR).
(72) **LEE, Jung, Sik**; Godeokjugong Apartment #615-104, 124, Sangil-dong, Kangdong-gu, Seoul 134-090 (KR). **KONG, Chung, San**; Seodaegicga #395, Namganggu, Haeulbinshi (CN). **LEE, Song, Deuk**; 126-120, Sangdo-dong, Dongjak-gu, Seoul 156-030 (KR). **KWAK, Kyung, Eun**; Mokdong Apartment #810-504, 314, Sinjeong 6-dong, Yangcheon-gu, Seoul 158-076 (KR).
(74) **CHOI, Kyu, Pal** et al. / etc.; 824-20, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19689** (13) A1
(21) PCT/US97/19226
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) en (26) en
(31) 60/029,930 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 38/00, 39/00, 39/395, 39/40, C07H 21/04, C07K 1/00, C12N 15/00, C12P 21/06, G01N 33/53
(54) NOVEL CODING SEQUENCES
NOUVELLES SEQUENCES CODANTES
(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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(72, 75) **BLACK, Michael, Terance** [GB/US]; 502 Milhouse Way, Chester Springs, PA 19425 (US). **HODGSON, John, Edward** [GB/US]; 260 Lapp Road, Malvern, PA 19355 (US). **KNOWLES, David, Justin, Charles** [GB/GB]; Downsview House, 45 Cronks Hill Road, Redhill, Surrey RH1 6LY (GB). **LONETTO, Michael, Arthur** [US/US]; 18 Victoria Circle, Collegeville, PA 19426 (US). **NICHOLAS, Richard, Oakley** [GB/US]; 355 Carmen Drive, Collegeville, PA 19426 (US). **REID, Robert, H., Jr.** [US/US]; 8 Pacer Lane, East Norriton, PA 19401 (US). **ZARFOS, Phillip, N.** [US/US]; 1907 Yorktown North, Norristown, PA 19403 (US).
(74) **GIMMI, Edward, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19690** (13) A1
(21) PCT/US97/20021
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/030,642 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 38/00, 38/06, 38/04, 31/505, 31/55, 31/71, 31/58, A01N 33/10
(54) METHOD FOR TREATING ALZHEIMER'S DISEASE
METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER
(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(72) **SMITH, Anthony, David**; 27 Abberbury Road, Iffley, Oxford OX4 4ET (GB). **JOBST, Kim, Anthony**; 1 Spence Street, Maryhill Park, Glasgow G20 0AW (GB).
(74) **RODNEY, Burton** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19691** (13) A1
 (21) PCT/US97/20090
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 60/030,129 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/00, 43/04, C07K 1/00, 5/00, 7/00, 14/00, 16/00, 17/00
 (54) DOMINANT NEGATIVE MUTANTS OF IRS-1 AND USES THEREOF
 MUTANTS NEGATIFS DOMINANTS D'IRS-1 ET LEURS UTILISATIONS
 (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
 (72) **TANAKA, Shinji**; Funakouji 2-33-702, Beppu 874 (JP). **WANDS, Jack, R.**; 210 Varick Road, Waban, MA 02168 (US).
 (74) **FRASER, Janis, K.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
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 (22) **7 Nov/nov 1997 (07.11.1997)**
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 (31) 08/747,121 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/00, 39/00, 39/395, C12Q 1/68, C12N 1/20, G01N 33/563, A01N 43/04, C07K 4/12, 7/08, 14/435, 16/00, C07H 21/04
 (54) NUCLEOTIDE AND AMINO ACID SEQUENCES OF A D2-2 GENE ASSOCIATED WITH BRAIN TUMORS AND METHODS BASED THEREON
 SEQUENCES NUCLEOTIDIQUES ET AMINO-ACIDES D'UN GENE D2-2 ASSOCIE AUX TUMEURS DU CERVEAU ET METHODES FONDEES SUR CELLES-CI
 (71) **NORTHWEST BIOTHERAPEUTICS LLC** [US/US]; Suite 236, 120 Northgate Plaza, Seattle, WA 98125 (US).
 (72) **MURPHY, Gerald, P.**; 1134 23rd Avenue E., Seattle, WA 98112 (US). **BOYNTON, Alton, L.**; 2420 274th Avenue N.E., Redmond, WA 98053 (US). **SEHGAL, Anil**; Apartment H106, 2104 North 105th Street, Seattle, WA 98133 (US).
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- (11) **WO 98/19693** (13) A1
 (21) PCT/US97/19945
 (22) **5 Nov/nov 1997 (05.11.1997)**

- (25) en (26) en
 (31) 08/745,793 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/12, C07K 17/00
 (54) COMBINATORIAL LIBRARIES OF CYCLIC UREA AND CYCLIC THIOUREA DERIVATIVES AND COMPOUNDS THEREIN
 BANQUES COMBINATOIRES DE DERIVES UREE ET THIO-UREE CYCLIQUES, ET COMPOSES CONTENUS DANS CELLES-CI
 (71) **TREGA BIOSCIENCES, INC.** [US/US]; 3550 General Atomic Court, San Diego, CA 92121 (US).
 (72) **NEFZI, Adel**; 8155 Cargill Avenue #16, San Diego, CA 92122 (US). **OSTRESH, John, M.**; 315 La Veta Avenue, Encinitas, CA 92024 (US). **HOUGHTEN, Richard**; 4939 Rancho Viejo Drive, Del Mar, CA 92014 (US).
 (74) **PERKINS, Susan, M.** et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).
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 (21) PCT/US97/19850
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 08/742,986 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/17
 (54) THERAPEUTIC USES OF BPI PROTEIN PRODUCTS IN CYSTIC FIBROSIS PATIENTS
 EMPLOIS THERAPEUTIQUES DES PRODUITS DE LA PROTEINE BPI CHEZ DES PATIENTS ATTEINTS DE MUCOVISCIDOSE
 (71) **XOMA CORPORATION** [US/US]; 2910 7th Street, Berkeley, CA 94710 (US).
 (72, 75) **CARROLL, Stephen, Fitzhugh** **SCANNON, Patrick, J.GAVIT, Patrick, D.**
 (74) **SHARP, Jeffrey, S.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/IB97/01398
 (22) **5 Nov/nov 1997 (05.11.1997)**
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- (31) 08/746,021 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/18, 9/00
 (54) DEVICE AND METHOD FOR DELIVERY OF ERYTHROPOIETIN
 DISPOSITIF ET PROCEDE SERVANT A ADMINISTRER L'ERYTHROPOIETINE
 (71) **MODEX THERAPEUTIQUES** [CH/CH]; 27, rue du Bergnon, CH-1005 Lausanne (CH).
 (72) **AEBISCHER, Patrick**; 163, route de Lausanne, CH-1096 Villetta (CH). **DEGON, Nicole**; Ancien Collège, CH-1521 Curtelles (CH). **REGULIER, Etienne**; 84A, avenue de Béthusy, CH-1012 Lausanne (CH). **RINSCH, Christopher**; 84A, avenue de Béthusy, CH-1012 Lausanne (CH).
 (74) **KIRKER & CIE S.A.**; 122, rue de Genève, P.O. Box 324, CH-1226 Thônex (CH).
 (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/US97/19891
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 60/030,342 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61K 38/18, C12Q 1/68, G01N 33/53
 (54) HEPATOCYTE GROWTH FACTOR ANTAGONISTS
 ANTAGONISTES DU FACTEUR DE CROISSANCE HEPATOCYTAIRE
 (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BROOKS, David, Patrick** [US/US]; 527 Beaumont Circle, West Chester, PA 19380 (US). **LAPING, Nicholas, James** [US/US]; 1323 Dunsinane Drive, West Chester, PA 19380 (US).
 (74) **BAUMEISTER, Kirk** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
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 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 9623205.3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 38/23, 9/20
- (54) NOVEL PHARMACEUTICAL COMPOSITIONS COMPOSITIONS PHARMACEUTIQUES NOUVELLES
- (71) **EURAND INTERNATIONAL S.P.A.** [IT/IT]; Via Martin Luther King, 13, Pessano con Bornago, I-20060 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GHIRRI, Matteo** [IT/IT]; Via Moncucco, 24/A, I-20142 Milano (IT). **ZEMA, Marco** [IT/IT]; Via Vergo, 10, I-22100 Como (IT).
- (74) **WILEMAN, David, Francis**; Wyeth Laboratories, Huntercombe Lane South, Taplow, Maidenhead, Berkshire SL6 0PH (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19698** (13) A1
- (21) PCT/US97/20114
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 60/030,213 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (31) 08/961,405 (32) **30 Oct/oct 1997 (30.10.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 38/26, C07K 14/605
- (54) USE OF GLP-1 ANALOGS AND DERIVATIVES ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY UTILISATION D'ANALOGUES ET DE DERIVES DE GLP-1 ADMINISTRES DE FAÇON PERIPHERIQUE AUX FINS DE LA REGULATION DE L'OBESITE
- (71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (72) **DiMARCHI, Richard, D.**; 10890 Wilmington Drive, Carmel, IN 46033 (US). **EFENDIC, Suad**; Sjtarnvagen 16B, S-181 34 Lindingo (SE).
- (74) **MARTIN, Alice, O.**; Brinks Hofer Gilson & Lione, NBC Tower - Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19699** (13) A1
- (21) PCT/DK97/00504
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 1239/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DK
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 38/27
- (54) USE OF GROWTH HORMONE OR A GROWTH HORMONE SECRETAGOGUE FOR PROMOTING BONE FORMATION UTILISATION D'UNE HORMONE DE CROISSANCE OU D'UN SECRETAGOGUE D'HORMONE DE CROISSANCE POUR STIMULER LA FORMATION OSSEUSE
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
- (72) **RASCHKE, Michael**; Westfälische Strasse 63, D-10706 Berlin (DE). **BAIL, Herman**; Schulzestrasse 12, D-13187 Berlin (DE). **WINDHAGEN, Henning**; Armswaldstrasse 23, D-30159 Hannover (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19700** (13) A1
- (21) PCT/US97/19585
- (22) **28 Oct/oct 1997 (28.10.1997)**
- (25) en (26) en
- (31) 60/928,536 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) 08/743,267 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 38/30, 38/18 // (A61K 38/30, 38:18)
- (54) TREATMENT OF INNER EAR HAIR CELLS TRAITEMENT DES CELLULES DES POILS AUDITIFS DE L'OREILLE INTERNE
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (72) **GAO, Wei-Qiang**; 641 Pilgrim Drive, Foster City, CA 94404 (US).
- (74) **TORCHIA, Timothy, E.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19701** (13) A1
- (21) PCT/US97/20388
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/745,375 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 38/44, 38/50, 48/00
- (54) METHODS FOR PROMOTING WOUND HEALING AND TREATING TRANSPLANT-ASSOCIATED VASCULOPATHY PROCEDES POUR PROMOUVOIR LA CICATRISATION ET POUR TRAITER LES VASCULOPATHIES ASSOCIEES A DES TRANSPLANTATIONS
- (71) **UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; 911 William Pitt Union, Pittsburgh, PA 15260 (US).
- (72) **BILLIAR, Timothy, R.**; Apartment 502P, One Triamont Lane, Pittsburg, PA 15211 (US). **TZENG, Edith**; Apartment 502P, One Triamont Lane, Pittsburg, PA 15211 (US). **SHEARS, Larry, L., II**; 5800 Shirley Drive, Bethel Park, PA 15102 (US). **GELLER, David, A.**; 2329 Hollywood Drive, Pittsburgh, PA 15234 (US). **EDINGTON, Howard, David, James**; 2306 Landeth Drive, Pittsburgh, PA 15241 (US).
- (74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, Chicago, IL 60601-6780 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19702** (13) A1
- (21) PCT/EP97/06180
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 9623233.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61K 39/10 // 39/05, 39/08
- (54) ACELLULAR PERTUSSIS VACCINE WITH DIPHTHIRIAE- AND TETANUS-TOXOIDS VACCIN ACCELLULAIRE ANTICOQUELUCHEUX A ANATOXINES DIPHTERIQUE ET TETANIQUE
- (71) **SMITHKLINE BEECHAM BIOLOGICALS S.A.** [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FLORENT, Patrick** [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **STEPHENNE, Jean** [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE). **VAN-DECASSERIE, Christian** [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).
- (74) **TYRRELL, Arthur, William, Russell**; SmithKline Beecham plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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- (11) **WO 98/19703** (13) A2
(21) PCT/EP97/06077
(22) **4 Nov/nov 1997 (04.11.1997)**
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(31) 196 45 559.6 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 39/12, C07K 16/08, A61K 39/42, 39/395
(54) PHARMACEUTICAL ANTIGEN-ANTIBODY PREPARATION PHARMACEUTIQUE ANTIGENE-ANTICORPS
(71) **IMMUNO AKTIENGESELLSCHAFT** [AT/AT]; Industriestrasse 67, A-1221 Wien (AT).
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(72, 75) **EIBL, Martha** [AT/AT]; Gustav-Tschermakgasse 2, A-1180 Wien (AT).
KREIL, Thomas [AT/AT]; Ziegelofengasse 93, A-3400 Klosterneuburg (AT).
(74) **KOLB, Helga** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).
(81) AU BR CA CN CZ HU ID IL JP KR MX NO PL RU SG SI SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19704** (13) A1
(21) PCT/US97/19203
(22) **23 Oct/oct 1997 (23.10.1997)**
(25) en (26) en
(31) 60/030,149 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 39/395
(54) HUMAN MONOCLONAL ANTIBODIES ANTICORPS MONOCLONAUX HUMAINS
(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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(72, 75) **DEEN, Keith, Charles** [US/US]; 210 Kathleen Way, Glenmoore, PA 19343 (US). **DILLON, Susan, Beth** [US/US]; 1209 Tullamore Circle, Chester Springs, PA 19425 (US). **PORTER, Terence, Graham** [GB/US]; 7634 Levis Road, Cheltenham, PA 19012 (US). **SWEET, Raymond, Whitney** [-/US]; 108 Edgehill Road, Bala Cynwyd, PA 19004 (US).
(74) **GEIGER, Kathleen, W.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19705** (13) A1
(21) PCT/US97/19851
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,367 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 39/395, 39/40, 39/42, 38/00, C07K 1/00, 14/00, 17/00, 5/00, 7/00, 16/00
(54) BRANCHED PEPTIDE LINKERS SEQUENCES DE LIAISON PEPTIDIQUES RAMIFIÉES
(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(72) **KING, Dalton**; 114 Wakefield Street, Hamden, CT 06514 (US). **FIRESTONE, Raymond, A.**; 387 Temple Street, New Haven, CT 06511 (US). **DUBOWCHIK, Gene, M.**; 65 Spring Street, Middlefield, CT 06455 (US).
(74) **SAVITSKY, Thomas, R.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(21) PCT/US97/19906
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 08/746,361 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 39/395, C07K 16/18, 16/28
(54) IDENTIFICATION OF UNIQUE BINDING INTERACTIONS BETWEEN CERTAIN ANTIBODIES AND THE HUMAN B7.1 AND B7.2 CO-STIMULATORY ANTIGENS IDENTIFICATION D'INTERACTIONS DE LIAISON UNIQUES ENTRE CERTAINS ANTICORPS ET LES ANTIGENES COSTIMULANTS B7.1 ET B7.2 HUMAINS
(71) **IDEC PHARMACEUTICALS CORPORATION** [US/US]; 11011 Torreyana Road, San Diego, CA 92121 (US).
(72) **ANDERSON, Darrell, R.**; 1851 Navajo Place, Escondido, CA 92029 (US). **HANNA, Nabil**; 3255 Fortuna Ranch Road, Olivenhain, CA 92024 (US). **BRAMS, Peter**; 4260 3rd Avenue #101, San Diego, CA 92103 (US).
(74) **GESS, E., Joseph** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19707** (13) A1
(21) PCT/US97/20064
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 60/030,364 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 47/12, 47/26, 9/08
(54) POLYHYDROXY MONOCARBOXYLIC AND DICARBOXYLIC ACIDS AND THEIR LACTONES IN OPHTHALMIC COMPOSITIONS ACIDES POLYHYDROXY MONOCARBOXYLIQUES ET DICARBOXYLIQUES ET LEURS LACTONES DANS DES COMPOSITIONS OPHTHALMIQUES
(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
(72) **DESAI, Suketu, D.**; Windcrest Spring Apartments, 25469 Borough Park Drive #431, The Woodlands, TX 77380 (US).
(74) **RYAN, Patrick, M.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19708** (13) A2
(21) PCT/US97/19831
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,282 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 47/34, 47/38
(54) METHOD FOR ENHANCING THE SOLUBILITY OF SUBSTANTIALLY WATER-INSOLUBLE COMPOUNDS PROCEDE POUR AMELIORER LA SOLUBILITE DE COMPOSES SENSIBLEMENT INSOLUBLES DANS L'EAU
(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39-Old Ridgebury Road, Danbury, CT 06817-0001 (US).
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(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39-Old Ridgebury Road, Danbury, CT 06817-0001 (US).
(81) BR CA CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19709** (13) A2
(21) PCT/EP97/06035
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 60/030,315 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61K 47/48
(54) CATIONIC REAGENTS FOR TRANSFECTION REACTIFS CATIONIQUES POUR TRANSFECTION
(71) **QIAGEN GMBH** [DE/DE]; Max-Volmer-Strasse 4, D-40724 Hilden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERBACHER, Christoph** [DE/DE]; Hülsberg 8, D-42781 Haan (DE). **WEBER, Martin** [DE/DE]; Fliedeweg 26, D-42799 Leichlingen (DE).

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(11) **WO 98/19710** (13) A2

(21) PCT/GB97/02965

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9623051.1 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 47/48, 48/00

(54) DELIVERY OF NUCLEIC ACID MATERIAL TO TARGET CELLS IN BIOLOGICAL SYSTEMS VEHICULES D'ACHEMINEMENT DE L'ACIDE NUCLEIQUE DANS LA THERAPIE GENIQUE

(71, 72) **SCHACHT, Etienne, Honore** [BE/BE]; Rijseveldstraat 99, B-8140 Staden (BE). **SEYMOUR, Leonard, Charles, William** [GB/GB]; The University of Birmingham, The Medical School, Clinical Research Block, Edgbaston, Birmingham B15 2TJ (GB). **ULBRICH, Karel** [CZ/CZ]; Academy of Sciences of the Czech Republic, Institute of Macromolecular Chemistry, Heyrovsky Sq. 2, 162 06 Prague 7 (CZ).

(74) **H.N. & W.S. SKERRETT**; Charles House, 148/9 Great Charles Street, Birmingham B3 3HT (GB).

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(11) **WO 98/19711** (13) A1

(21) PCT/US97/19621

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/743,269 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 48/00, C07K 4/00, 5/00, C12N 15/09, 15/63, C12Q 1/68

(54) PEPTIDES FOR GENE DELIVERY PEPTIDES DESTINES A L'APPORT D'UN GENE

(71) **REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Wolverline Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109 (US). (for all designated States except / pour tous les États désignés sauf US)

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(74) **CARROLL, Peter, G.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (US).

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(11) **WO 98/19712** (13) A1

(21) PCT/US97/19935

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/744,882 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 48/00, 35/12, C12N 5/10, A61K 47/00, 49/00

(54) METHODS FOR REGULATING ANGIOGENESIS PROCEDE DE REGULATION DE L'ANGIOGENESE

(71) **ST. ELIZABETH'S MEDICAL CENTER OF BOSTON, INC.** [US/US]; 736 Cambridge Street, Boston, MA 02135 (US).

(72) **ISNER, Jeffrey, M.**; 34 Brenton Road, Weston, MA 02193 (US). **ASAHARA, Takayuki**; 38 Hayes Street, Arlington, MA 02174 (US).

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(31) 08/744,582 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 49/00, A61L 29/00, 31/00

(54) ECHOGENIC COATING CONTAINING GASEOUS SPACES FOR ULTRASONOGRAPHY REVETEMENT ECHOGENIQUE CONTENANT DES ESPACES GAZEUX POUR UNE ULTRASONOGRAPHIE

(63) US 08/744,582 (CIP) 6 Nov/nov 1996 (06.11.1996)

(71) **STS BIOPOLYMERS INC.** [US/US]; Suite 1, 336 Summit Point Drive, Henrietta, NY 14467 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIOLANTE, Michael, R., Ph., D.** [US/US]; 15 Cedarwood Circle, Pittsford, NY 14534 (US). **WHITBOURNE, Richard, J.** [US/US]; 1 Gateway Road, Fairport, NY 14450 (US). **LANZAFAME, John, R.** [US/US]; 453 Hazelwood Terrace, Rochester, NY 14609 (US). **LYDON, Margaret** [US/US]; 26 Slate Drive, N. Chili, NY 14514 (US).

(74) **GOLLIN, Michael, A.**; Spencer & Frank, Suite 300 East, 1100 New York Avenue, N.W., Washington, DC 20005-3955 (US).

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(11) **WO 98/19714** (13) A1

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(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,017 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61K 49/00, C12N 5/00, 15/00

(54) MOUSE LACKING HEART-MUSCLE ADENINE NUCLEOTIDE TRANSLOCATOR PROTEIN AND METHODS SOURIS PROTEINQUEMENT CARENCEE EN ADENINE DE TRANSLOCATION NUCLEOTIDIQUE MYOCARDIALE

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridge-wood Drive, Atlanta, GA 30322 (US).

(72) **WALLACE, Douglas, C.**; 2506 Echo Drive, Atlanta, GA 30345 (US). **GRAHAM, Brett, C.**; 765 North Parkwood Road, N.E., Decatur, GA 30030 (US). **MacGREGOR, Grant, R.**; 1870 Ridge-wood Drive, Atlanta, GA 30307 (US).

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(11) **WO 98/19715** (13) A1

(21) PCT/EP97/06258

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 47 694.1 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61L 2/06, B65B 3/00

(54) METHOD FOR PRODUCING A PRE-FILLED STERILE SYRINGE PROCEDE DE PRODUCTION D'UNE SERINGUE STERILE PRE-REMPLIE

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; D-13342 Berlin (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNEGOTZKI, Frank** [DE/DE]; Senftenberger Ring 40, D-13435 Berlin (DE).

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- (11) **WO 98/19716** (13) A1
 (21) PCT/US97/19916
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 (31) 08/742,356 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61L 2/18
 (54) COMPOSITIONS AND METHODS FOR DISINFECTING AND CLEANING CONTACT LENSES COMPOSITIONS ET PROCÉDES DE DESINFECTION ET DE NETTOYAGE DE LENTILLES DE CONTACT
 (71) **ALLERGAN** [US/US]; 2525 Dupont Drive, T-22-E, Post Office Box 19534, Irvine, CA 92623-9534 (US).
 (72) **PARK, John, Y.**; 13122 Shasta Way, Santa Ana, CA 92705 (US). **THOMAS, Larry, K.**; 224 Stonecliffe Aisle, Irvine, CA 92633 (US). **PENG, Lin**; 639 North Pastoria Avenue, Sunnyvale, CA 94086-2917 (US).
 (74) **VOET, Martin, A.** et al. / etc.; Allergan, Inc., 2525 Dupont Drive, T-22-E, P.O. Box 19534, Irvine, CA 92623-9534 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19717** (13) A1
 (21) PCT/US97/18965
 (22) **17 Oct/oct 1997 (17.10.1997)**
 (25) en (26) en
 (31) 08/743,687 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61L 9/04
 (54) AIR TREATMENT GEL COMPOSITIONS COMPOSITIONS DE GEL DE TRAITEMENT DE L'AIR
 (71) **HERCULES INCORPORATED** [US/US]; Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
 (72) **MODI, Jashawant, J.**; 57 Raphael Road, Hockessin, DE 19707 (US).
 (74) **SLOAN, Martin, F.**; Hercules Incorporated, Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
 (81) AU BR CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19718** (13) A1
 (21) PCT/US97/20113
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 60/030,701 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A61L 15/18, 15/32, 25/00, 27/00
 (54) CHEMICAL MODIFICATION OF BIOMEDICAL MATERIALS WITH GENIPIN MODIFICATION CHIMIQUE DE MATERIAUX BIOMEDICAUX PAR LA GENIPINE
 (63) US 60/030,701 (CIP) 5 Nov/nov 1996 (05.11.1996)
 (71) **CHALLENGE BIOPRODUCTS CO., LTD.** [-/-]; 7 Alley 25, Lane 63, Tzu-Chiang Street, Taichung 404 (TW).
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 (74) **GORTHEY, LeeAnn**; Dehlinger & Associates, LLP, Suite 250, 350 Cambridge Avenue, Palo Alto, CA 94306 (US).
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- (11) **WO 98/19719** (13) A1
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 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 60/030,211 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61L 27/00, A61K 35/38
 (54) MYOCARDIAL GRAFT CONSTRUCTS CONSTRUCTIONS DE GREFFONS MYOCARDIQUES
 (71) **PURDUE RESEARCH FOUNDATION** [US/US]; Room 307, 1021 Hovde Hall, West Lafayette, IN 47907-1021 (US).
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 (72, 75) **GEDDES, Leslie, A.** [US/US]; 400 North River Road #1724, West Lafayette, IN 47906 (US). **BADYLAKE, Stephen, F.** [US/US]; 1150 Kingswood Drive #S, West Lafayette, IN 47906 (US). **MATHENY, Robert, G.** [US/US]; 12746 Devon Lane, Carmel, IN 46032 (US). **SCHOENLEIN, William, E.** [US/US]; 6304 South 450 East, Lafayette, IN 47905 (US). **OBERMILLER, Fred, J.** [US/US]; Young Grad. House #818, West Lafayette, IN 47907 (US). **HAVEL, William, J.** [US/US]; 5034 Wolflake Drive, Lafayette, IN 47905 (US).
 (74) **LAMMERT, Steven, R.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19720** (13) A2
 (21) PCT/IL97/00357
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 119580 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IL
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61M
 (54) GUIDE WIRE PLACEMENT APPARATUS APPAREIL PERMETTANT DE PLACER DES CABLES DE GUIDAGE
 (71, 72) **POPOV, Sergey** [IL/IL]; Alexander Yanai Street 32/17, 84551 Beer Sheva (IL).
 (81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19721** (13) A1
 (21) PCT/US97/19611
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 08/744,869 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61M 1/02
 (54) INTEGRATED OXYGENATOR AND HEAT EXCHANGER OXYGENATEUR ET ECHANGEUR THERMIQUE INTEGRES
 (71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
 (72) **McFALL, Frank, B., III**; 14 Euclid Avenue, Haverhill, MA 01835 (US). **SENT, Bulent**; 1 Indicott Avenue, Marblehead, MA 01945 (US). **BUCKLER, Kenneth, E.**; 9A Combination Street, Methuen, MA 01844 (US). **INTOCCIA, Alfred, P.**; 17243 Candlewood Parkway, Eden Prairie, MN 55347 (US). **WEINSTEIN, Martin, J.**; 8934 Fallsdale Drive, Charlotte, NC 28214 (US). **RAMEN, Ven**; 34 Woodmere Drive, Framingham, MA 01701 (US).
 (74) **EDGEELL, G., Paul** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
 (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19722** (13) A1
 (21) PCT/US97/19908
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/745,948 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (31) 08/841,163 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ A61M 1/36
 (54) METHOD FOR PURIFYING BLOOD PLASMA AND APPARATUS SUITABLE THEREFOR PROCEDE ET APPAREIL DE PURIFICATION DU PLASMA SANGUIN

(71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US). **BAXTER INTERNATIONAL, INC.** [US/US]; Route 120 and Wilson Road, RL, Round Lake, IL 60073-0490 (US).

(72) **SUTTER, Mark, A.**; 7660 Quail Ridge Drive, Dexter, MI 48130 (US). **BORTON, Noel, T.**; 17860 Dens Drive, Chelsea, MI 48118 (US). **BISCHOF, Daniel, F.**; 4913 Raintree Court, McHenry, IL 60050 (US). **CHAPMAN, John**; 67 Kevin Avenue, Lake Villa, IL 60046 (US). **HERMAN, Robert, E.**; 542 Northgate Road, Lindenhurst, IL 60046 (US). **SUN, Chong-Son**; 530 Golf Lane, Lake Forest, IL 60045 (US).

(74) **JAY, Jeremy, M.**; Leydig, Voit & Mayer, Suite 300, 700 13th Street, N.W., Washington, DC 20005 (US).

(81) AU CA CN JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19723** (13) A1

(21) PCT/US97/18959

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/744,108 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(31) 08/882,644 (32) **25 Jun/juin 1997 (25.06.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 5/00

(54) SELF-RETRACTING MEDICAL NEEDLE APPARATUS AND METHODS PROCEDES ET APPAREIL D'AIGUILLES MEDICALES AUTORETRACTABLES

(71) **SPECIALIZED HEALTH PRODUCTS, INC.** [US/US]; 655 East Medical Drive, Bountiful, UT 84010 (US).

(72) **THORNE, Gale, H.**; 1056 Millcrest Circle, Bountiful, UT 84010 (US). **THORNE, David, L.**; 1759 South 450 East, Kaysville, UT 84037 (US). **THORNE, Sandra, A.**; 1898 South Chokecherry Drive, Bountiful, UT 84010 (US). **OWEN, Charles, V.**; 10754 North 6000 West, Highland, UT 84003 (US). **NELSON, Mark**; 7759 Keswick Road, Sandy, UT 84093 (US).

(74) **EVANS, Paul, S.**; 1661 Somerset Court, Farmington, UT 84025 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19724** (13) A1

(21) PCT/SE96/01411

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) sv (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 5/162

(54) APPARATUS FOR ADMINISTRATING TOXIC FLUID APPAREIL PERMETTANT D'ADMINISTRER UN FLUIDE TOXIQUE

(71) **CARMEL PHARMA AB** [SE/SE]; P.O. Box 5352, S-402 28 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESSMAN, Göran** [SE/SE]; Skårsgatan 75, S-412 69 Göteborg (SE).

(74) **GÖTEBORGS PATENTBYRÅ AB**; P.O. Box 5005, S-402 21 Göteborg (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19725** (13) A1

(21) PCT/SE97/01788

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) sv (26) en

(31) 9604021-7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 5/32

(54) I.V. CATHETER WITH NEEDLE GUARD CATHETER INTRAVEINEUX AVEC GAINÉ DE PROTECTION DE L'AIGUILLE

(71) **HYDRACINE DEVELOP AB** [SE/SE]; P.O. Box 657, S-503 15 Borås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AXELSSON, Robert** [SE/SE]; Filferyd Haurida, S-560 28 Lekeryd (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19726** (13) A1

(21) PCT/GB97/03002

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 9622827.5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 5/42, A61F 6/20, A61B 17/28, 17/32

(54) VASECTOMY AID AUXILIAIRE DE VASECTOMIE

(71) **REALLY USEFUL MEDICAL INNOVATIONS LIMITED** [GB/GB]; 4/5 Grosvenor Place, Hyde Park Corner, London SW1X 7DL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATERMEYER, John, Maitland** [GB/GB]; 11 Manor Road, London SW20 9AE (GB). **ARNOTT, Jeremy, Francis** [AU/AU]; 11 Chisholm Avenue, Avalon, NSW 2107 (AU).

(74) **MERCER, Christopher, Paul**; Carpmiels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19727** (13) A1

(21) PCT/US97/19681

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 60/030,152 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 08/959,746 (32) **28 Oct/oct 1997 (28.10.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 11/00

(54) BUILD-UP RESISTANT SPACERS FOR METE-RED DOSE INHALERS TUBE RALLONGE POUR AEROSOLS-DOSEURS EMPECHANT L'ACCUMULATION

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **ROSENBERG, Gail, Esther**; 2117 West Courtland, Chicago, IL 60647 (US).

(74) **TOCKER, Edwin**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU CA JP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19728** (13) A1

(21) PCT/US96/18097

(22) **7 Nov/nov 1996 (07.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 16/00, A62B 9/06

(54) MALLEABLE INTRODUCER INTRODUCTEUR FLEXIBLE

(71, 72) **LINDER, Gerald, S., M., D.** [US/US]; P.O. Box 1085, Pacific Palisades, CA 90272 (US).

(74) **CISLO, Donald, M.**; Cislo & Thomas, Suite 900, 233 Wilshire Boulevard, Santa Monica, CA 90401 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19729** (13) A1

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(31) 1224/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 25/00

(54) A URINARY CATHETER ASSEMBLY WITH A READY-TO-USE CATHETER ENSEMBLE SONDE URINAIRE MUNI D'UNE SONDE PRETE A L'EMPLOI

(71) **COLOPLAST A/S** [DK/DK]; Høltedam 1, DK-3050 Humlebæk (DK).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NØSTED, Ulrik** [DK/DK]; Agnetevej 2,2, DK-2800 Lyngby (DK). **TORSTENSEN, Jan** [DK/DK]; Egeløvsvej 30, DK-2830 Virum (DK). **KAYERØD, Helle** [DK/DK]; Stefansgade 56, DK-2200 Copenhagen N (DK). **TANGHØJ, Allan** [DK/DK]; Jellerød Have 59, DK-2980 Kokkedal (DK).(74) **RAFFNSØE, Knud, Rosenstand**; International Patent-Bureau, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV LU MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19730** (13) A1

(21) PCT/US97/19395

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 60/030,162 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 25/00, 29/00(54) COATED RADIALLY EXPANDABLE DILATOR FOR USE WITH GASTROINTESTINAL-TYPE TUBES
DILATATEUR A EXPANSION RADIALE REVETU S'UTILISANT AVEC DES TUBES DE TYPE GASTRO-INTESTINAL(71) **SHERWOOD MEDICAL COMPANY** [US/US]; 1915 Olive Street, St. Louis, MO 63103-1642 (US).(72) **BODICKY, Raymond, O.**; 5051 Lampglow Court, Oakville, MO 63129 (US). **HUANG, Yeong, Hua**; 2163 Palestra Drive #11, St. Louis, MO 63146 (US).(74) **SMITH, Montgomery, W.**; Sherwood Medical Company, 1915 Olive Street, St. Louis, MO 63103-1642 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19731** (13) A1

(21) PCT/US97/20439

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/746,302 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 25/00(54) INFUSION DEVICE FOR DISTRIBUTING INFUSATE ALONG AN ELONGATED INFUSION SEGMENT
DISPOSITIF DE PERFUSION POUR ADMINISTRER UNE SOLUTION INTRA-VEINEUSE LE LONG D'UN SEGMENT DE PERFUSION ALLONGE(71) **MICRO THERAPEUTICS, INC.** [US/US]; 1062-F Calle Negocio, San Clemente, CA 92673 (US).(72) **STRAUSS, Jonathan, H.**; 28366 Via Alfonso, Laguna Niguel, CA 92677 (US). **WALKER, Blair, D.**; 275 Esperanza Avenue #304, Long Berach, CA 90802 (US).(74) **BREIMAYER, Joseph, F.**; Breimayer Law Office, Suite 206, 1221 Nicollet Mall, Minneapolis, MN 55403 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19732** (13) A1

(21) PCT/US97/20142

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(25) en (26) en

(31) 08/745,618 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US(31) 08/842,391 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 25/01, 25/00, A61B 1/005(54) STEERABLE INSTRUMENT FOR USE IN MEDICAL PROCEDURES
INSTRUMENT ORIENTABLE UTILISE LORS D'ACTES MEDICAUX(71) **VASCULAR SCIENCE INC.** [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).(72) **BACHINSKI, Thomas, J.**; 19059 Orchard Trail, Lakeville, MN 55044 (US). **SULLIVAN, Daniel, J.**; 1245 Oak View Road, Medina, MN 55356 (US). **GOLDSTEEN, David, S.**; 4885 East Lake Harriet Parkway, Minneapolis, MN 55409 (US).(74) **TREYZ, G., Victor** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US96/17817

(22) **7 Nov/nov 1996 (07.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 29/00(54) VASCULAR SEALING APPARATUS AND METHOD
APPAREIL D'OBTURATION VASCULAIRE ET PROCEDE ASSOCIE(71, 72) **GERSHONY, Gary** [CA/US]; 44332 S. El Macero Drive, El Macero, CA 95618 (US).(72) **KASPRZYK, Daniel, J.**; 8460 Cliff Forest Street, Fogelsville, PA 18051 (US). **HORZEWSKI, Michael, J.**; 4858 Scout Court, San Jose, CA 95136 (US).(74) **SKINNER, Joel, D., Jr.**; Suite 201, 619 2nd Street, Hudson, WI 54016 (US).

(81) AL AM AT AU BB BG BR BY CA CH CN CU CZ DE DK ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19734** (13) A1

(21) PCT/US97/20316

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/744,486 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61M 31/00(54) OXYMETRY MONITORED, PATIENT CONTROLLED ANALGESIA SYSTEM
SYSTEME D'AUTO-ANALGESIE A LA DEMANDE AVEC CONTROLE DE L'OXYMETRIE(71) **IMED CORPORATION** [US/US]; 9775 Business Park Avenue, San Diego, CA 92131-1699 (US).(72) **BOLLISH, Stephen, J.**; 14170 Barrymore Street, San Diego, CA 92129 (US). **DUGGY, Robert, J.**; 16405 Summer Sage Road, Poway, CA 92064 (US).(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19735** (13) A1

(21) PCT/FR97/01997

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) fr (26) fr

(31) 96/13583 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ A61N 1/30(54) DEVICE FOR IONOPHORESIS COMPRISING AT LEAST A MEMBRANE ELECTRODE ASSEMBLY, FOR THE TRANSCUTANEOUS ADMINISTRATION OF ACTIVE PRINCIPLES TO A SUBJECT
DISPOSITIF D'IONOPHORESE COMPORTANT AU MOINS UN ENSEMBLE ELECTRODE A MEMBRANE, POUR L'ADMINISTRATION TRANSCUTANEE DE PRINCIPES ACTIFS A UN SUJET

- (71) **ELF AQUITAINE** [FR/FR]; Tour Elf- 2, place de la Coupole, La Défense 6, F-92400 Courbevoie (FR). **SANOPI** [FR/FR]; 32-34, rue Marbeuf, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **MULLER, Daniel** [FR/FR]; 12, rue Frédéric Mistral, F-64000 Pau (FR). **PERIE, Frédéric** [FR/FR]; 6 bis, avenue de Lons, F-64140 Billere (FR). **BARBIER, Alain** [FR/FR]; 280, avenue Miradou, Le Belvédère, F-34980 Saint Clément de Rivière (FR).
- (74) **BOILLOT, Marc**; Elf Exploration Production, Dépt. Propriété Industrielle, Tour Elf, F-92078 Paris La Défense (FR).
- (81) AL AM AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RZ SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19736** (13) A1
(21) PCT/NZ97/00150
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 299694 (32) **4 Nov/nov 1996 (04.11.1996)** (33) NZ
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 1/362
(54) **CARDIAC RECOVERY
RECUPERATION CARDIAQUE**
- (71, 72) **MILSOM, Frederick, Paget** [NZ/NZ]; 132 Long Drive, St. Heliers Bay, Auckland (NZ).
- (74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19737** (13) A1
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(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 08/743,299 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 1/365
(54) **RATE RESPONSIVE CARDIAC PACEMAKER WITH PEAK IMPEDANCE DETECTION FOR RATE CONTROL
STIMULATEUR CARDIAQUE SENSIBLE AU RYTHME ET DOTE D'UNE DETECTION D'IMPEDANCE MAXIMALE, AUX FINS DE REGULATION DU RYTHME**
- (71) **SULZER INTERMEDICS INC.** [US/US]; 4000 Technology Drive, Angleton, TX 77515 (US).
- (72) **STOTTS, Lawrence, J.**; 327 Linden Lane, Lake Jackson, TX 77566 (US). **SCHROEPEL, Edward, A.**; 215 Dewberry Drive, Lake Jackson, TX 77566 (US).
- (74) **MERKLING, John, R.**; Sulzer Medica USA Inc., 4000 Technology Drive, Angleton, TX 77515 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19738** (13) A1
(21) PCT/US97/18515
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) en (26) en
(31) 08/741,757 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 1/37
(54) **CARDIOVERSION/DEFIBRILLATION LEAD IMPEDANCE MEASUREMENT SYSTEM
SYSTEME DE MESURE D'IMPEDANCE DE DERIVATION DE CARDIOVERSION/DEFIBRILLATION**
- (71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).
- (72) **SCHUELKE, Robert, J.**; 17166 Harrington Way, Lakeville, MN 55044 (US). **SCHMID, Barbara**; 5532 14th Avenue South, Minneapolis, MN 55417 (US). **GERING, Jonathan, R.**; 2350 Ridge Drive #115, St. Louis Park, MN 55446 (US).
- (74) **DUTHLER, Reed, A.** et al. / etc.; Medtronic, Inc., MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19739** (13) A1
(21) PCT/US97/19846
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 08/744,577 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 1/37
(54) **PACEMAKER WITH INTRA-STIMULUS CAPTURE DETECTION
STIMULATEUR CARDIAQUE DETECTANT PENDANT LA STIMULATION LA CAPTURE PAR LE COEUR**
- (71) **SULZER INTERMEDICS INC.** [US/US]; 4000 Technology Drive, Angleton, TX 77515 (US).
- (72) **ROUTH, Andre, G.**; 204 Arrow Wood Street, Lake Jackson, TX 77566 (US). **DENO, Don, C.**; 3118 Clyburn Court, Missouri City, TX 77459 (US).
- (74) **MERKLING, John, R.**; Sulzer Medica USA Inc., 4000 Technology Drive, Angleton, TX 77515 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19740** (13) A1
(21) PCT/US97/20915
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/030,282 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(31) 60/052,367 (32) **11 Jul/juil 1997 (11.07.1997)** (33) US
(31) Not furnished / (32) **3 Nov/nov 1997 (03.11.1997)** (33) US non communiqué
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 5/00
(54) **RADIONUCLIDE PRODUCTION USING INTENSE ELECTRON BEAMS
PRODUCTION DE RADIONUCLEIDES AU MOYEN DE FAISCEAUX ELECTRONIQUES INTENSES**
- (71) **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Box 90083, Durham, NC 27708-0083 (US).
- (72) **WEEKS, Kenneth, J.**; Duke University Medical Center, Durham, NC 27708 (US).
- (74) **DAVIDSON, Bryan, H.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/19741** (13) A1
(21) PCT/US97/18823
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) en (26) en
(31) 08/744,936 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A61N 5/02
(54) **APPARATUS AND METHOD FOR PERFORMING LASER THERMAL KERATOPLASTY WITH MINIMIZED REGRESSION
APPAREIL ET PROCEDE DESTINES A LA REALISATION D'UNE KERATOPLASTIE THERMIQUE AU LASER AVEC UNE REGRESSION REDUITE**
- (71, 72) **HUANG, David** [US/US]; 2133 Druid Oaks Drive, N.E., Atlanta, GA 30329 (US). **McDONNELL, Peter, J.** [US/US]; 3841 Keswick Road, LaCanada, CA 91011 (US).
- (74) **FLESHNER, Mark, L.**; P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)

- (11) **WO 98/19742** (13) A1
(21) PCT/US97/04560
(22) **18 Mar/mar 1997 (18.03.1997)**
(25) en (26) en
(31) 08/743,478 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A62D 1/00, C07C 53/50, 53/21, 233/05, 233/36, 69/62, 69/653, C07D 295/13, 295/24, 213/81, C07C 327/22
(54) AQUEOUS FILM-FORMING FOAM COMPOSITIONS COMPOSITIONS DE MOUSSES FORMANT UN FILM FLOTTANT
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **STERN, Richard, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FAN, Wei-Qiang**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **BURTIS, John, A.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint-Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19743** (13) A1
(21) PCT/US97/19716
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 743,387 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A62D 1/00
(54) BIODEGRADABLE FOAM COMPOSITIONS FOR EXTINGUISHING FIRES MOUSSES BIODEGRADABLES POUR L'EXTINCTION DES INCENDIES
- (71, 72) **ACHTMANN, Hans** [US/US]; 22 Prides Crossing, New Canaan, CT 06840 (US).
- (74) **CARSON, W., Scott** et al. / etc.; Dorr, Carson, Sloan & Birney, P.C., 3010 E. 6th Avenue, Denver, CO 80206 (US).
- (81) BR CA CH JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19744** (13) A2
(21) PCT/US97/19244
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 08/745,208 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B
(54) MULTI-TRAUMA THERAPEUTIC MACHINE
- (71) **ROSENBERG, Michelle, B.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19745** (13) A1
(21) PCT/CA97/00834
(22) **5 Oct/oct 1997 (05.10.1997)**
(25) en (26) en
(31) 08/744,645 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B 21/055
(54) ROTATOR CUFF STRENGTH TRAINING DEVICE DISPOSITIF DE MUSCULATION DE LA COIFFE DES ROTATEURS
- (71, 72) **GOW, Gordon, James** [CA/CA]; 310 Georgian Drive, Barrie, Ontario L4M 4Y8 (CA). **MARTIN, Charles, Edward** [CA/CA]; R.R. #2, Shanty Bay, Ontario L0L 2L0 (CA).
- (74) **MITCHELL, Randall, S.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19746** (13) A2
(21) PCT/US97/20849
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/743,715 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B 22/04, 22/08, 21/00, 24/00, A63F 9/22
(54) INTERACTIVE EXERCISE APPARATUS APPAREIL D'EXERCICE INTERACTIF
- (71) **TECTRIX FITNESS EQUIPMENT, INC.** [US/US]; 68 Fairbanks, Irvine, CA 92718 (US).
- (72) **BOBICK, Aaron, E.**; 34 Jane Road, Newton, MA 02159 (US). **ULRICH, W., Thatcher**; 63 Melcher Street #1, Boston, MA 02210 (US). **LEWIS, J., Bryan**; 86 Bayview Drive, Portland, ME 04103 (US). **SHEPARD, Eliot**; 63 Melcher Street #1, Boston, MA 02210 (US). **LEHMAN, Peter**; 115 Robbins Road, Arlington, MA 02174 (US).
- (74) **ROSENBERG, Michelle, B.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19747** (13) A1
(21) PCT/US97/20123
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/746,362 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B 37/06, 37/12
(54) MULTILAYER GOLF BALL AND COMPOSITION BALLE DE GOLF MULTICOUCHE ET COMPOSITION
- (71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).
- (72) **CAVALLARO, Christopher**; 29 Revere Terrace, Attleboro, MA 02703 (US). **RAJAGOPALAN, Murali**; 11 Flagship Drive, South Dartmouth, MA 02748 (US). **PASQUA, Samuel, A., Jr.**; 400 Metcom Avenue #47, Bristol, RI 02809 (US). **BOEHM, Herbert, C.**; 34 Judge's Hill Drive, Norwell, MA 02064 (US). **HARRIS, Kevin, M.**; 65 Ryan Street, New Bedford, MA 02740 (US). **DALTON, Jeffrey, L.**; 14 Sleepy Hollow Road, North Dartmouth, MA 02747 (US).
- (74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU CA GB JP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19748** (13) A1
(21) PCT/US97/20125
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/745,137 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B 37/08, B32B 9/00
(54) GOLF BALL WITH A MULTI-LAYERED COVER BALLE DE GOLF A COUVERTURE MULTICOUCHE
- (71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).
- (72) **LAMMI, Robert, N.**; 15 Kensington Road, Norton, MA 02766 (US).
- (74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU CA GB JP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19749** (13) A1
(21) PCT/US97/20124
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en

- (31) 08/745,138 (32) **7 Nov/nov 1996** (33) US
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 37/12
- (54) GOLF BALL COMPOSITION
COMPOSITION POUR BALLE DE GOLF
- (71) **ACUSHNET COMPANY** [US/US]; 333 Bridge
Street, Fairhaven, MA 02719 (US).

- (72) **SNELL, Dean, A.**; 408 Lupine Way, Oceanside,
CA 92057 (US). **LEVITT, Barbara, S.**; 6 Jamie's
Way, Lakeville, MA 03247 (US).
- (74) **WEILD, David, III** et al. / etc.; Pennie &
Edmonds LLP, 1155 Avenue of the Americas, New
York, NY 10036 (US).
- (81) AU CA GB JP NZ; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19750** (13) A1
- (21) PCT/CA97/00815
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) 08/742,920 (32) **1 Nov/nov 1996** (33) US
(01.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 43/00
- (54) SPEED-SENSING PROJECTILE
PROJECTILE DETECTEUR DE VITESSE
- (71, 72) **ZAKUTIN, David** [CA/CA]; Suite 12-103,
170 University Avenue West, Waterloo, Ontario
N2L 3E9 (CA).
- (74) **RUSTON, David, A.** et al. / etc.; Sim & Mc-
Burney, 6th floor, 330 University Avenue, Toronto,
Ontario M5G 1R7 (CA).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
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- (11) **WO 98/19751** (13) A1
- (21) PCT/US97/20062
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/744,786 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 53/04
- (54) GOLF CLUB AND CLUB HEAD
TETE DE CLUB DE GOLF
- (71) **LOVE IT GOLF COMPANY** [US/US]; 2940 S.
Horseshoe Drive, Naples, FL 34104 (US).
(for all designated States except / pour tous les États
désignés sauf US)

- (72, 75) **LOVETT, William, E.** [US/US]; 1121 Shady
Rest Lane, Naples, FL 34103 (US).

- (74) **WATKINS, Mark, A.** et al. / etc.; Oldham &
Oldham Co., LPA, 1225 W. Market Street, Akron,
OH 44313-7188 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19752** (13) A1
- (21) PCT/US97/20161
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 08/745,348 (32) **8 Nov/nov 1996** (33) US
(08.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 53/04
- (54) METAL WOOD GOLF CLUBHEAD
TETE DE CLUB DE GOLF BOIS METAL

- (71) **PRINCE SPORTS GROUP, INC.** [US/US]; One
Sportsystem Plaza, Bordentown, NJ 08505-9630
(US).
- (72) **MEYER, Dean, E.**; 1433 Forest Road, LaGrange
Park, IL 60526 (US). **DAVIS, Stephen, J.**; 106
Bruce Road, Washington Crossing, PA 18977 (US).
HULOCK, Richard, P.; 192 Redwood Drive,
Quakertown, PA 18951 (US).

- (74) **SMITH, Robert, B.** et al. / etc.; White & Case,
Patent Dept., 1155 Avenue of the Americas, New
York, NY 10036 (US).
- (81) AU CA CN JP KR NZ; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/19753** (13) A1
- (21) PCT/CA97/00784
- (22) **21 Oct/oct 1997 (21.10.1997)**
- (25) en (26) en
- (31) 2,189,509 (32) **4 Nov/nov 1996** (33) CA
(04.11.1996)
- (31) 08/743,119 (32) **4 Nov/nov 1996** (33) US
(04.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 59/14
- (54) HOCKEY STICK SHAFT
MANCHE DE BATON DE HOCKEY
- (71) **TROSPORT ACQUISITIONS INC.** [CA/CA];
1200, 55e Avenue, Lachine, Quebec H8T 3J8 (CA).

- (72) **BELLEFLEUR, Alain**; 149 Rimbaut, St-Luc,
Québec J2W 1P4 (CA). **PAGOTTO, John**; 336
Woodlea, Ville Mont-Royal, Québec H3P 1R5
(CA).

- (74) **KOSIE, Ronald, S.**; Brouillette Kosie, 25th floor,
1100 René-Lévesque Boulevard West, Montréal,
Québec H3B 5C9 (CA).

- (81) AL AM AT AU AZ BA BB BG BR BY CH CN
CU CZ DE DK EE ES FI GB GE GH HU ID IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19754** (13) A1
- (21) PCT/GB97/02991
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en

- (31) 9623203.8 (32) **7 Nov/nov 1996** (33) GB
(07.11.1996)

- (31) 9701666.1 (32) **28 Jan/jan 1997** (33) GB
(28.01.1997)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ A63B 63/00, G09F 23/00

- (54) DISPLAY MEANS MOUNTED ON A GOAL
POST
PROCEDE D'AFFICHAGE MONTE SUR UN
MONTANT D'UN EN-BUT

- (71) **RUSSELL, Gillian** [GB/GB]; 6 Sandybed Cres-
cent, Scarborough, North Yorkshire YO12 5LS
(GB). **McCOMBIE, Ian, Peter** [GB/GB]; 2 Park
Square, Leeds, West Yorkshire LS1 2NE (GB).
FERRIE, Kenneth, Alexander, Phillip [GB/GB];
Altona House, 2 Sandybed Crescent, Scarborough,
North Yorkshire NO12 5LS (GB).
(for all designated States except / pour tous les États
désignés sauf US)

- (71, 72) **RUSSELL, John** [GB/GB]; 61 Foxroyd Lane
Estate, Thornhill, Dewsbury, West Yorkshire WF12
0BB (GB).

- (74) **FORRESTER, KETLEY & CO.**; Chamberlain
House, Paradise Place, Birmingham B3 3HP (GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19755** (13) A2
- (21) PCT/IB97/01500
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) 08/742,405 (32) **4 Nov/nov 1996** (33) US
(04.11.1996)

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ A63B 63/00

- (54) FOLDING SOCCER GOAL
CAGE DE BUTS PLIANTE POUR LE FOOT-
BALL

- (71) **NIC CAPITAL CORPORATION** [CA/CA];
11417 Somerset Crescent, Delta, British Columbia
V4E 2P1 (CA).

- (72) **SUKHINDER, Paul, Timothy, Singh, Gill**; 11417
Somerset Crescent, Delta, British Columbia V4E
2P1 (CA).

- (74) **PERRY, Stephen, J.**; Sim & McBurney, 6th floor,
330 University Avenue, Toronto, Ontario M5G 1R7
(CA).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

- (11) **WO 98/19756** (13) A1
(21) PCT/US97/20685
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/744,754 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63B 67/00
(54) APPARATUS FOR CIRCULAR COURT BALL GAME
APPAREIL POUR JEU DE BALLE PRATIQUE SUR UN TERRAIN CIRCULAIRE
(71) **ARCHWORKS, INC.** [US/US]; Suite 407, 703 McKinney, Dallas, TX 75202 (US).
(72) **CRAIG, Gregory**; 1914 Stallion Circle, Rowlet, TX 75088 (US).
(74) **CAHOON, Colin, P.**; Jackson Walker L.L.P., Suite 6000, 901 Main Street, Dallas, TX 75202 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/19757** (13) A1
(21) PCT/JP97/04000
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) ja (26) ja
(31) 8/291894 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63F 1/02
(54) CARD FOR GAMES
CARTES DE JEU
(71) **INSTITUTE OF SRS** [JP/JP]; 3F Nakamura Building, 74, Wasedacho, Shinjuku-ku, Tokyo 162 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KURITA, Masahiro** [JP/JP]; 5-3-501, Sendagi 3-chome, Bunkyo-ku, Tokyo 113 (JP).
(74) **ARAFUNE, Hiroshi**; 6F Kagurazaka K Building, 2, Kagurazaka 3-chome, Shinjuku-ku, Tokyo 162 (JP).
(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19758** (13) A1
(21) PCT/NL97/00589
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) nl (26) en
(31) 1004407 (32) **1 Nov/nov 1996 (01.11.1996)** (33) NL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63F 3/02
(54) COMPUTER GAME
JEU INFORMATIQUE
(71, 72) **GOLAD, Adar** [NL/NL]; Scherenenkweg 16, NL-8051 KH Hattem (NL).
- (74) **FERGUSON, Alexander**; Octrooibureau Vriensdorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).
(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19759** (13) A1
(21) PCT/JP97/04038
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) ja (26) ja
(31) 8/294084 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63G 31/02, G09B 9/00
(54) BOARDING DEVICE FOR GAME MACHINERY, AND METHOD OF POSITIONING MOVABLE MEMBER OF BOARDING DEVICE FOR GAME MACHINERY
TABLEAU DE BORD POUR MACHINE DE JEU ET PROCÉDE SERVANT A POSITIONNER UN ELEMENT MOBILE DU TABLEAU DE BORD
(71) **SNK CORPORATION** [JP/JP]; 1-6, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SADAKATA, Yoshihiro** [JP/JP]; 12-11, Nakamiyanishinocho, Hirakata-shi, Osaka 573 (JP).
(74) **HAYASE, Kenichi**; 8F, Ana Building, 17-1, Enokicho, Suita-shi, Osaka 564 (JP).
(81) BR KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19760** (13) A1
(21) PCT/US97/20911
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 08/745,833 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63G 31/08
(54) HUMAN FREE-FLIGHT CATAPULT
CATAPULTE PERMETTANT A UN ETRE HUMAIN D'EFFECTUER UN VOL LIBRE
(71, 72) **WIEGEL, Theodore, F.** [US/US]; P.O. Box 1731, Goldenrod, FL 32733 (US).
(74) **STEWART, John, V.**; 1308 Henry Balch Drive, Orlando, FL 32810 (US).
(81) AU CA JP MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19761** (13) A1
(21) PCT/GB97/02817
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 9622945.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63H 1/30, A63J 21/00
(54) WAND
BAGUETTE
(71, 72) **HORSMAN, David, Henry, Colin** [GB/GB]; The Attic, 615 Fulham Road, London SW6 5UQ (GB).
(74) **TUNSTALL, Christopher, Stephen**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/19762** (13) A1
(21) PCT/US97/09773
(22) **5 Jun/juin 1997 (05.06.1997)**
(25) en (26) en
(31) 08/744,650 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ A63H 19/30
(54) DEVICE FOR SECURING RAILROAD TRACKS FOR TRAIN SETS
DISPOSITIF POUR IMMOBILISER DES VOIES DE CHEMIN DE FER D'UN TRAIN MINIATURE
(71, 72) **ZELLE, David, A.** [US/US]; 4709 Belfield Drive, Dublin, OH 43017 (US). **ZELLE, Jill, J., T.** [US/US]; 4709 Belfield Drive, Dublin, OH 43017 (US).
(74) **STANDLEY, Jeffrey, S.**; Standley & Gilcrest, Suite 500, 555 Metro Place North, Dublin, OH 43017 (US).
(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19763** (13) A2
(21) PCT/US97/20333
(22) **20 Oct/oct 1997 (20.10.1997)**
(25) en (26) en
(31) 08/736,382 (32) **24 Oct/oct 1996 (24.10.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B01D
(54) REGENERATOR HEAT EXCHANGER HAVING ONE OR MORE ADJUSTABLE PERFORMANCE CHARACTERISTICS
ECHANGEUR THERMIQUE DE REGENERATION POSSEDANT UNE OU PLUSIEURS CARACTERISTIQUES REGLABLES DE FONCTIONNEMENT
(71) **AIRXCHANGE, INC.** [US/US]; 85 Longwater Drive, Rockland, MA 02370 (US).

(72) **STEELE, Donald, F.**; 31 River Road, Cohasset, MA 02025 (US). **HOAGLAND, Lawrence, C.**; HRC 62, P.O. Box 412A, Center Harbor, NH 03226 (US).

(74) **KUSMER, Toby, H.** et al. / etc.; Lappin & Kusmer LLP, 200 State Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19764** (13) A1

(21) PCT/US97/20117

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,373 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 17/00, 17/025, 21/02

(54) METHOD AND APPARATUS FOR PROCESSING CONTAMINATED MATERIALS
PROCEDE DE TRAITEMENT DE MATIERES CONTAMINEES ET APPAREILLAGE CORRESPONDANT

(71) **SEPARATHERM, INC.** [US/US]; Suite 110, 16507 Hedgcroft Street, Houston, TX 77060 (US).

(72) **BRYANT, William, H.**; Route 10, Box 9549, Cleveland, TX 77327 (US). **FRAZIER, Jerry, W.**; 1226 Timbergrove, Houston, TX 77008 (US).

(74) **QUISENBERRY, C., Dale**; Tobor & Goldstein, L.L.P., Suite 2300, 1360 Post Oak Boulevard, Houston, TX 77056-3023 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19765** (13) A1

(21) PCT/FI97/00614

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) fi (26) en

(31) 964400 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 21/24

(54) METHOD AND APPARATUS FOR TREATMENT OF FLUID
PROCEDE ET DISPOSITIF POUR TRAITER DES FLUIDES

(71) **YIT-YHTYMÄ OY** [FI/FI]; Paununtie 11, FIN-00621 Helsinki (FI). **FINNCHAIN OY** [FI/FI]; Rekitie 1, FIN-26510 Rauma (FI).
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(72, 75) **RINTALA, Teuvo** [FI/FI]; Ajomiehenkuja 3 B, FIN-02940 Espoo (FI). **TUOMIKOSKI, Pekka** [FI/FI]; Puuluntie, FIN-26410 Kaara (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19766** (13) A1

(21) PCT/US97/20099

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,024 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 24/46, C02F 9/00

(54) WASTEWATER MANAGEMENT SYSTEM
SYSTEME DE GESTION DES EAUX USEES

(71) **DSS ENVIRONMENTAL, INC.** [US/US]; Suite 303, 8-12 Dietz Street, Oneonta, NY 13820 (US).

(74) **LEVY, Mark**; Salzman & Levy, Suite 606, 19 Chenango Street, Binghamton, NY 13901 (US).

(81) AT AU BB BR CA CZ DK EE FI GE HU IL IS JP KR LC LK MX NO NZ PL PT SG TT UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19767** (13) A1

(21) PCT/US97/20022

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 746,430 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 27/00

(54) NON-METALLIC SPIN-ON FILTER
FILTRE AMOVIBLE NON METALLIQUE

(71) **CHAMPION LABORATORIES, INC.** [US/US]; 315 N. West Street, West Salem, IL 62476-0307 (US).

(72) **STOCKHOWE, John, W.**; R.R. #3, Box 80, Carmi, IL 62821 (US). **MICHEL, Larry, Dean**; 2769 East Country Side Lane, Olney, IL 62450 (US).

(74) **ROTHSTEIN, Seymour** et al. / etc.; Olson & Hierl, Ltd., 36th floor, 20 North Wacker Drive, Chicago, IL 60606 (US).

(81) CA DE GB JP MX.

(11) **WO 98/19768** (13) A1

(21) PCT/EP96/04852

(22) **6 Nov/nov 1996 (06.11.1996)**

(25) de (26) de

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 29/37, 46/24, 29/25, 29/01, 46/10

(54) CROSS-FLOW FILTER

FILTRE A ECOULEMENT TANGENTIEL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **LISSON, Johann** [DE/DE]; Hans-Sachs-Weg 16, D-64291 Darmstadt (DE). **GLIHA, Viktor** [AT/DE]; Kapellenweg 16, D-63456 Hanau (DE). **BLINN, Klaus** [DE/DE]; Finkenstrasse 8, D-63322 Rödermark (DE). **KLEINSCHROTH, Karl-Heinz** [DE/DE]; Hundertmorgenring 73, D-64546 Mörfelden-Walldorf (DE).

(81) CA CN JP KR RU UA US.

(11) **WO 98/19769** (13) A1

(21) PCT/DE97/02563

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) de (26) de

(31) 196 45 653.3 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 35/06, C02F 1/48

(54) FILTER ELEMENTS AND FILTER DEVICES
ELEMENTS FILTRANTS ET DISPOSITIFS FILTRANTS

(71) **DORENWENDT, Wolfgang** [DE/DE]; Hauptstrasse 31, D-37359 Wachstedt (DE).
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(71, 72) **HOSSE, Herbert** [DE/DE]; Fichtestrasse 6, D-06333 Hettstedt (DE).

(74) **HAUSSINGEN, Peter**; Seidenbeutel 1, D-06526 Sangerhausen (DE).

(81) BG CA CN CZ FI HU JP PL US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19770** (13) A1

(21) PCT/US97/19781

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,631 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 35/18

(54) FUEL FILTER AND WATER SEPARATOR APPARATUS WITH HEATER
DISPOSITIF DE FILTRAGE DE CARBURANT ET DE SEPARATION DE L'EAU EQUIPE D'UN ELEMENT CHAUFFANT

(71) **FLEETGUARD, INC.** [US/US]; Suite 500, 100 BNA Corporate Center, Nashville, TN 32717 (US).

(72) **MILLER, Paul, D.**; 790 Buffalo Valley Road, Cookeville, TN 38501-3113 (US). **LILLY, Keith**; 460 South Maple, Cookeville, TN 38502 (US). **HEDGECOUGH, Bill**; 1122 Holladay Road, Cookeville, TN 38501 (US). **DEMIRDOGEN, A., Caner**; Apartment 1A, 1705 Texas Avenue, Cookeville, TN 38501 (US). **JIANG, Zemin**; 617 Rockwell Drive, Cookeville, TN 38501 (US). **SCHMIDT, Dean, A.**; 1014 Spicer Road, Albert Lea, MN 56007 (US). **PRATER, Ted, F.**; Heady Road, Box 232, Sparta, TN 38583 (US).

(74) **DURLACHER, James, M.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AU BR CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19771** (13) A1

(21) PCT/US97/20063

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,222 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 39/16

(54) SEPARATOR CARTRIDGE AND METHOD FOR MAKING SAME
CARTOUCHE DE SEPARATION ET SON PROCEDE DE FABRICATION

(71) **VELCON FILTERS, INC.** [US/US]; 4525 Centennial Boulevard, Colorado Springs, CO 80919 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPRENGER, Gregory, S.** [US/US]; 205 Desert Inn Way, Colorado Springs, CO 80921 (US).
GISH, Michael, J. [US/US]; 5525 Tamlin Road, Colorado Springs, CO 80915 (US).

(74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, 132C West Second Street, Perrysburg, OH 43551 (US).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19772** (13) A1

(21) PCT/EP97/05511

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) de (26) de

(31) 196 45 666.5 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 46/24

(54) FILTER INSERT
CARTOUCHE FILTRANTE

(71) **FILTERWERK MANN + HUMMEL GMBH** [DE/DE]; D-71631 Ludwigsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERDMANNSDÖRFER, Hans** [DE/DE]; Panoramastrasse 2, D-75335 Döbel (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann + Hummel GmbH, D-71631 Ludwigsburg (DE).

(81) BR CA CH CZ JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19773** (13) A1

(21) PCT/US97/19848

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/742,769 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 49/00, 53/56, 53/62, 53/72

(54) METHOD FOR REDUCING NO_x FROM EXHAUST GASES PRODUCED BY INDUSTRIAL PROCESSES

PROCEDE DE REDUCTION DES NO_x PROVENANT DES GAZ DE DEGAGEMENT DES PROCESSUS INDUSTRIELS

(63) US 08/742,769 (CIP)
1 Nov/nov 1996 (01.11.1996)

(71) **NOXTECH, INC.** [US/US]; 1939 Deere Avenue, Irvine, CA 92714 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUDDUTH, Bruce, C.** [US/US]; 18900 Quebec Avenue, Corona, CA 91719 (US).
SLONE, Ralph, J. [US/US]; 945 Driftwood Avenue, Columbus, IN 47203 (US).
PALEKAR, Vishwesh [IN/US]; 12632 Bloomfield Avenue #20, Norwalk, CA 90650 (US).
RAMAVAJJALA, Madhu [IN/US]; 14701 Redhill Avenue, Tustin, CA 92680 (US).

(74) **LOUDERMILK, Alan, R.**; Suite B, 10950 N. Blaney Avenue, Cupertino, CA 95014 (US).

(81) BA CN DE GB JP MX NO US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19774** (13) A1

(21) PCT/CA97/00826

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,120 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 53/52, 53/14, C10G 29/20, C10K 1/14

(54) METHOD AND COMPOSITION FOR REMOVING SULFIDES FROM FLUID STREAMS
PROCEDE ET COMPOSITION DESTINES A EXTRAIRE DES SULFURES D'ECOULEMENTS FLUIDES

(63) US 08/743,120 (CON)
4 Nov/nov 1996 (04.11.1996)

(71) **STANCHEM INC.** [CA/CA]; 43 Jutland Road, Etobicoke, Ontario M8Z 2G6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WARRENDER, Neil, Andrew** [GB/CA]; 69 Shawbrooke Green S.W., Calgary, Alberta T2Y 3B9 (CA).
COSSAR, John [CA/CA]; 4211 - 26 Street N.W., Calgary, Alberta T2L 1P4 (CA).

(74) **GRAY, Brian, W.** et al. / etc.; Blake, Cassels & Graydon, Commerce Court West, Box 25, Toronto, Ontario M5L 1A9 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19775** (13) A1

(21) PCT/EP97/05959

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 46 766.7 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 53/84, 53/00, 46/00

(54) METHOD AND DEVICE FOR CLEANING EXHAUST AIR BY SEPARATING PARTICLES AND POLLUTANT GASES
PROCEDE ET DISPOSITIF POUR PURIFIER L'AIR D'EVACUATION PAR SEPARATION DES PARTICULES ET GAZ POLLUANTS

(71, 72) **SENBUSCH, Lutz** [DE/DE]; Auf dem Krähenberg, D-21271 Asendorf (DE).
EWALD, Hartmut [DE/DE]; Rostocker Strasse 6 B, D-18236 Kröpelin (DE).

(74) **SCHNICK & FIEBIG**; Schonenfahnerstrasse 7, D-18057 Rostock (DE).

(81) CN JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19776** (13) A1

(21) PCT/US97/15815

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 08/742,807 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 53/86, F23G 7/06

(54) HORIZONTAL REGENERATIVE CATALYTIC OXIDIZER
DISPOSITIF HORIZONTAL D'OXYDATION CATALYTIQUE REGENERATIVE

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) **CHEN, James, M.**; **GAY, Richard, A.**; 267 Paterson Avenue, Hasbrouck Heights, NJ 07604 (US).
GRIBBON, Sean, T.; 27690 S. Bridle Hills Drive, Farmington Hills, MI 48336 (US).

(74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19777** (13) A2

(21) PCT/EP97/05927

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) de (26) de

(31) 196 45 738.6 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 63/00, 63/06, 63/08, 69/02

(54) MEMBRANE MODULE FOR SUBSTANCE-SPECIFIC FLUID TREATMENT
MODULE MEMBRANAIRE POUR TRAITEMENT FLUIDIQUE SPECIFIQUE

(71) **AKZO NOBEL N.V.** [NL/NL]; Postbus 9300, NL-6824 BM Arnhem (NL).
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(72, 75) **BAURMEISTER, Ulrich** [DE/DE]; Moltkestrasse 67, D-42115 Wuppertal (DE).
WOLLBECK, Rudolf [DE/DE]; Am Stadtwald 24, D-63906 Erlenbach (DE).

(74) **FETT, Günter**; Akzo Nobel Faser AG, Kasinos-
trasse 19-21, D-42103 Wuppertal (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

(11) **WO 98/19778** (13) A1

(21) PCT/CH97/00414

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) de (26) de

(31) 2746/96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01D 63/06

(54) MEMBRANE MODULE FOR A MEMBRANE
SEPARATION SYSTEM, ITS USE AND PRO-
CESS FOR PRODUCING THE SAME
MODULE D'UNE INSTALLATION DE SEPA-
RATION PAR MEMBRANE, SON UTILISATION
ET SON PROCEDE DE FABRICATION

(71) **BUCHER-GUYER AG** [CH/CH]; CH-8166 Nie-
derweningen (CH).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **HARTMANN, Eduard** [CH/CH]; Sandbrucks-
trasse 420, CH-5425 Schneisingen (CH).

(81) AU BY CA CN CZ HU JP LT MD PL RO RU UA
US; EP (AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE).

(11) **WO 98/19779** (13) A1

(21) PCT/AU97/00751

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) PO 3470 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AU

(31) PO 6626 (32) **6 May/mai 1997 (06.05.1997)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 3/04, C01G 49/06, 49/08, C22B 3/00, 3/06,
3/10, 3/44 // 15/00, 60/02

(54) IMPROVED LEACHING OF MINERAL ORES
LIXIVIATION AMELIOREE DE MINERAIS

(71) **ATOMAER PTY. LTD.** [AU/AU]; 10th floor, 256
Adelaide Terrace, Perth, W.A. 6000 (AU).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **NGUYEN, Giau** [AU/AU]; 10th floor, 256
Adelaide Terrace, Perth, W.A. 6000 (AU).

(74) **VAN WOLLINGEN, Rolf**; Griffith Hack, 256
Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RU RO SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19780** (13) A1

(21) PCT/DE97/02492

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) de (26) de

(31) 196 45 781.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 3/04, F16L 3/00, 3/10, C02F 3/20

(54) DEVICE FOR SECURING A GASSING UNIT
SYSTEME DE FIXATION D'UN DISPOSITIF DE
GAZAGE

(71) **OTT PLASTIK GMBH** [DE/DE]; Frankenring 21,
D-30855 Langenhagen (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **OTT, Wilfried** [DE/DE]; Am Weiherfeld 3,
D-30855 Langenhagen (DE).

(74) **THÖMEN, Uwe** et al. / etc.; Zeppelinstrasse 5,
D-30175 Hannover (DE).

(81) CN JP RU US; EP (AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19781** (13) A1

(21) PCT/US97/19829

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,539 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 7/00, D01D 1/02, 1/06, 5/11

(54) FORMING A SOLUTION OF FLUIDS HAVING
LOW MISCIBILITY AND LARGE-SCALE DIF-
FERENCES IN VISCOSITY
FORMATION D'UNE SOLUTION DE LI-
QUIDES AYANT UNE FAIBLE MISCIBILITE
ET DES DIFFERENCES DE VISCOSITE A
GRANDE ECHELLE

(71) **E.I. DU PONT DE NEMOURS AND COM-
PANY** [US/US]; 1007 Market Street, Wilmington,
DE 19898 (US).

(72) **ALBERS, Robert, E.**; 2840 Kennedy Road, Wil-
mington, DE 19810 (US). **ETCHELLS, Arthur,
William**; 315 South 6th Street, Philadelphia, PA
19106 (US). **GUTMANN, Joseph, Daniel, Jr.**;
18 Preakness Court, Lincoln University, PA 19352
(US). **SLOCUM, Edgar, W.**; 302 Hampton Road,
Wilmington, DE 19803 (US). **SHAH, Ashok, H.**;
4332 Ketcham Drive, Chesterfield, VA 23832 (US).

(74) **GORMAN, Thomas, W.**; E.I. du Pont de Nemours
and Company, Legal Patent Records Center, 1007
Market Street, Wilmington, DE 19898 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19782** (13) A1

(21) PCT/DE97/02539

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 45 614.2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 13/00, 5/06, B05C 17/005, B05B 7/04

(54) SPRAY GUN WITH AN INTEGRATED MIXING
BOX
PISTOLET-PULVERISATEUR AVEC CAISSON
DE MELANGE INCORPORE

(71) **DBS BESCHICHTUNG UND SYSTEME-
TECHNIK GMBH** [DE/DE]; Neue Mühle 4,
D-48739 Legden (DE).
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désignés sauf US)

(72, 75) **KÜPPERS, Peter** [DE/DE]; Gildenhook 14,
D-48739 Legden (DE).

(74) **SCHULTE, Jörg**; Hauptstrasse 2, D-45219 Essen
(DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19783** (13) A2

(21) PCT/EP97/05903

(22) **25 Oct/oct 1997 (25.10.1997)**

(25) de (26) de

(31) 196 45 189.2 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 17/00, C07H 15/00, 15/04, C11D 1/66

(54) TWIN SURFACTANTS
TENSIOACTIFS JUMELÉS

(71) **HENKEL KOMMANDITGESELLSCHAFT
AUF AKTIEN** [DE/DE]; Henkelstrasse 67,
D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **RHODE, Oliver** [DE/DE]; Benrodestrasse
63, D-40597 Düsseldorf (DE). **RATHS, Hans-
Christian** [DE/DE]; Nelly-Sachs-Strasse 13,
D-40789 Monheim (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

(11) **WO 98/19784** (13) A1

(21) PCT/GB97/02698

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 9622783.0 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01F 17/00, C08G 63/08, C09D 11/00

(54) DISPERSANTS
DISPERSANTS

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate,
London W1Y 6LN (GB).
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désignés sauf US)

(72, 75) **THETFORD, Dean** [GB/GB]; (GB). **SCHO-
FIELD, John, David** [GB/GB]; (GB). **SUNDER-
LAND, Patrick, John** [GB/GB]; Hexagon House,
P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) **FAWKES, David, Melville**; Zeneca Specialties,
Intellectual Property Group, Hexagon House, P.O.
Box 42, Blackley, Manchester M9 8ZS (GB) et al.
/ etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19785** (13) A1

(21) PCT/DE97/02564

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 45 527.8 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 8/10, 19/18, C07C 31/32, B01J 8/20, 8/00

(54) DEVICE FOR BRINGING SOLID BODIES IN THE FORM OF POURABLE PIECES INTO CONTACT WITH LIQUIDS AND POSSIBLY GASES
DISPOSITIF DESTINE A METTRE DES SOLIDES SOUS FORME DE FRAGMENTS COULANTS EN CONTACT AVEC DES LIQUIDES ET EVENTUELLEMENT DES GAZ

(71) **RWE-DEA AKTIENGESELLSCHAFT FÜR MINERALOEL UND CHEMIE** [DE/DE]; Überseering 40, D-22297 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBERT, Gert** [DE/DE]; Gustav-Frenssen-Strasse 26, D-25541 Brunsbüttel (DE).

(74) **SCHUPFNER, Gerhard, D.**; Müller, Schupfner & Gauger, Karlstrasse 5, D-21244 Buchholz (DE).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19786** (13) A1

(21) PCT/US97/01014

(22) **23 Jan/jan 1997 (23.01.1997)**

(25) en (26) en

(31) 08/742,461 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 13/00, 23/00, 35/08, C01B 25/26, C01G 23/053

(54) METHOD FOR PREPARING HYDROUS TITANIUM OXIDE SPHERULES AND OTHER GEL FORMS THEREOF
PROCEDE DE PREPARATION DE SPHERULES D'OXYDE DE TITANE AQUEUX ET AUTRES FORMES DE GELS LES RENFERMANT

(71) **LOCKHEED MARTIN ENERGY RESEARCH CORPORATION** [US/US]; P.O. Box 2009, Oak Ridge, TN 37831-8243 (US).

(72) **COLLINS, Jack, L.**; 4009 Deerfield Road, Knoxville, TN 37921 (US).

(74) **SMIRMAN, Preston, H.**; Lockheed Martin Energy Research Corporation, P.O. Box 2009, Oak Ridge, TN 37831-8243 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19787** (13) A1

(21) PCT/US97/19592

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/743,816 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 13/00, F21V 9/04, G02B 26/00, G01J 3/18, C08F 2/16

(54) NOVEL POLYMERIZED CRYSTALLINE COLLOIDAL ARRAY SENSORS
NOUVEAUX DETECTEURS A BASE DE RESEAU COLLOIDAL CRISTALLIN POLYMERISE

(71) **UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; 911 William Pitt Union, Pittsburgh, PA 15260 (US).

(72) **ASHER, Sanford, A.**; 6425 Barlett Street, Pittsburgh, PA 15217 (US). **HOLTZ, John, H.**; 5527 Ellsworth Avenue #205, Pittsburgh, PA 15232 (US).

(74) **MEYERS, Diane, R.**; Eckert Seamans Charin & Mellott, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19788** (13) A2

(21) PCT/IB97/01623

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/743,806 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 19/00, A62D 3/00

(54) METHOD AND APPARATUS FOR DISSOCIATING MATERIALS
PROCEDE ET APPAREIL PERMETTANT DE DISSOCIER DES MATERIAUX

(71) **E/P TECHNOLOGIES INC.** [CA/CA]; 175 Liberty Street, Windsor, Ontario N9E 1H7 (CA).

(72) **BABINGTON, Peter, D.**; 175 Liberty Street, Windsor, Ontario N9E 1H7 (CA). **GREEN, Daniel, T.**; 2261 East Rauch Road, Erie, MI 48133 (US). **LAFORET, Maurice**; 3811 Concession Road 3, R.R. #2, Harrow, Ontario N0R 1G0 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19789** (13) A1

(21) PCT/US97/17684

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 60/030,699 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/861,180 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 19/00, C07C 51/31, B01J 19/26, 10/00

(54) METHODS AND DEVICES FOR CONTROLLING THE OXIDATION RATE OF A HYDROCARBON BY ADJUSTING THE RATIO OF THE HYDROCARBON TO A RATE-MODULATOR
PROCEDES ET DISPOSITIFS DE CONTROLE DU TAUX D'OXYDATION D'UN HYDROCARBURE PAR AJUSTEMENT DU RAPPORT HYDROCARBURE/MODULATEUR DE TAUX

(71) **TWENTY-FIRST CENTURY RESEARCH CORPORATION** [US/US]; 12 South Townview Lane, Newark, DE 19711-7419 (US).
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(72, 75) **VASSILIOU, Eustathios** [US/US]; 12 South Townview Lane, Newark, DE 19711 (US). **DASSEL, Mark, W.** [US/US]; P.O. Box 486, Indianola, WA 98342 (US). **ROSTAMI, Ader, M.** [IR/IR]; 9205 Northeast Sea Ray Court, Bainbridge Island, WA 98110 (US). **DECOSTER, David, C.** [US/US]; 5509 - 234th Avenue East, Buckley, WA 98321 (US).

(74) **PARKER, David, W.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19790** (13) A1

(21) PCT/US97/18585

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/746,043 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B01J 20/18, B01D 53/28, E06B 3/667

(54) DESICCATION USING POLYMER-BOUND DESSICCANT BEADS
DESSICCATION AU MOYEN DE PERLES DE DESSICCATION LIEES PAR DES POLYMERES

(71) **W.R. GRACE & CO.-CONN.** [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).

(72) **CHU, Jia-Ni**; 210 Medford Road, Wilmington, DE 19803 (US). **PRYOR, James, Neil**; 3253 Danmark Drive, West Friendship, MD 21794 (US). **WELSH, William, Alan**; 13271 Styer Court, Highland, MD 20777 (US).

(74) **CROSS, Charles, A.**; W.R. Grace & Co.- Conn., 7500 Grace Drive, Columbia, MD 21044 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19791** (13) A1
(21) PCT/FR97/02005
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) fr (26) fr
(31) 96/13573 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B01J 23/656
(54) CATALYST HAVING AT LEAST ONE ELEMENT OF GROUP VIIB AND ITS USE IN HYDRO-TREATING
CATALYSEUR COMPRENANT AU MOINS UN ELEMENT DU GROUPE VIIB ET SON UTILISATION EN HYDROTRAITEMENT
(71) **INSTITUT FRANÇAIS DU PETROLE** [FR/FR]; 4, avenue de Bois Préau, F-92500 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **QUARTARARO, Juliette** [FR/FR]; 5, résidence Sainte Madeleine, F-13011 Marseille (FR). **MIGNARD, Samuel** [FR/FR]; 22, avenue Guy de Maupassant, F-78400 Chatou (FR). **KASZTELAN, Slavik** [FR/FR]; 27, rue Raymond Queneau, F-92500 Rueil Malmaison (FR).
(74) **ANDREEFF, François**; Institut Français du Pétrole, 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).
(81) JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19792** (13) A1
(21) PCT/US97/20854
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/740,971 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(31) 08/740,972 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B01J 23/885, C10G 45/60
(54) SUPPORTED HYDROCONVERSION CATALYST AND PROCESS OF PREPARATION THEREOF
CATALYSEUR SUR SUPPORT D'HYDROCONVERSION ET SON PROCÉDE DE PREPARATION
(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
(72) **WITTENBRINK, Robert, J.**; 836 Shadyglen Drive, Baton Rouge, LA 70816 (US). **RYAN, Daniel, F.**; 611 Gabriel Oaks Drive, Baton Rouge, LA 70820 (US). **BAIRD, William, C., Jr.**; 5905 Bennington Avenue, Baton Rouge, LA 70808 (US). **RILEY, Kenneth, L.**; 1289 Rodney Drive, Baton Rouge, LA 70808 (US). **JOHNSON, Jack, W.**; 9 Sunrise Circle, Clinton, NJ 08809 (US).
(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
(81) AU CA JP KR NO SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19793** (13) A1
(21) PCT/FR97/01929
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) fr (26) fr
(31) 96/13576 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B01J 37/02, 23/62, C07C 29/17
(54) SELECTIVE HYDROGENATION CATALYSTS CONTAINING PALLADIUM AND AT LEAST ONE ELEMENT SELECTED AMONG TIN AND LEAD
CATALYSEURS D'HYDROGENATION SELECTIVE CONTENANT DU PALLADIUM ET AU MOINS UN ELEMENT CHOISI PARMIS L'ETAIN ET LE PLOMB
(71) **INSTITUT FRANÇAIS DU PETROLE** [FR/FR]; 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).
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(72, 75) **DIDILLON, Blaise** [FR/FR]; 19, rue des Bons Raisins, F-92500 Rueil Malmaison (FR). **CAMERON, Charles** [US/FR]; 6, rue Tournefort, F-75005 Paris (FR). **GAUTREAU, Christophe** [FR/FR]; 15 bis, boulevard de Richelieu, F-92500 Rueil Malmaison (FR).
(74) **ANDREEFF, François**; Institut Français du Pétrole, 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19794** (13) A1
(21) PCT/US97/19280
(22) **23 Oct/oct 1997 (23.10.1997)**
(25) en (26) en
(31) 96/13530 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR
(31) 60/044,913 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B01L 3/00, B29C 51/22
(54) METHOD AND DEVICE FOR THE MANUFACTURE OF A PLATE OF WELLS, NOTABLY FOR SAMPLES OF CHEMICAL OR BIOLOGICAL PRODUCTS
PROCÉDE ET DISPOSITIF POUR LA FABRICATION D'UNE PLAQUE A CUPULES, NOTAMMENT POUR DES ECHANTILLONS DE PRODUITS CHIMIQUES OU BIOLOGIQUES
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DANNOUX, Thierry** [FR/FR]; 18, le Petit Bel Ebat, F-77210 Avon (FR). **PUJOL, Gilbert** [FR/FR]; 547, avenue Victor Hugo, F-77190 Dammari-les-Lys (FR).
(74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).
(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19795** (13) A1
(21) PCT/US97/20692
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/744,417 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B03C 1/00
(54) MATERIAL SEPARATOR
SEPARATEUR DE COMPOSANTS D'UN MATERIAU
(71, 72) **ARVIDSON, Bo, R.** [US/US]; 1510 Swadley Street, Lakewood, CO 80215 (US).
(74) **HENSON, Michael, R.** et al. / etc.; Suite 200, 9250 W. 5th Avenue, Lakewood, CO 80226 (US).
(81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19796** (13) A1
(21) PCT/DE97/02508
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) de (26) de
(31) 196 45 393.3 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B05B 11/00
(54) PUMP
POMPE
(71) **INTERSAFE AG** [CH/CH]; Landstrasse 19, CH-8750 Glarus (CH).
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(72, 75) **ROSENTHAL, Karl-Heinz** [DE/DE]; Eckenhagener Strasse 2, D-51580 Reichshof (DE).
(74) **LIPPERT, H.-J.** et al. / etc.; Frankenforster Strasse 135-137, D-51427 Bergisch Gladbach (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19797** (13) A1
(21) PCT/US97/19811
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/745,614 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(31) 08/819,743 (32) **18 Mar/mar 1997 (18.03.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B05B 15/00
(54) WATER DISTRIBUTION SYSTEM WITH WATER SAVING DIFFUSERS
SYSTEME DE DISTRIBUTION D'EAU EQUIPE D'UN DIFFUSEUR ECONOMISEUR D'EAU
(71) **WATER MANAGEMENT EQUIPMENT LTD.** [US/US]; 6560 W. Rogers Circle, Boca Raton, FL 33487 (US).

(71, 72) **LEON, Stephen** [US/US]; 6560 W. Rogers Circle, Boca Raton, FL 33487 (US). **LEON, Eric** [US/US]; 6560 W. Rogers Circle, Boca Raton, FL 33487 (US). **LEON, David** [US/US]; 6560 W. Rogers Circle, Boca Raton, FL 33487 (US).

(74) **ZIVIN, Norman, H.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AU BR CA CN IL JP KR MX NO RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19798** (13) A2

(21) PCT/EP97/06090

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,864 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B05D 7/00

(54) METHOD OF PREVENTING CORROSION OF METAL SHEET USING VINYL SILANES
PROCEDE ANTICORROSION POUR FEUILLE METALLIQUE UTILISANT DES SILANES DE VINYLE

(71) **THE UNIVERSITY OF CINCINNATI** [US/US]; Cincinnati, OH 45221-0012 (US).
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(72, 75) **VAN OOLI, Wim, J.** [NL/US]; 154 Annandale Drive, Fairfield, OH 45014-0012 (US). **YUAN, Wei** [CN/US]; Apartment #A1, 3638 Salem Walk, Northbrook, IL 60062 (US).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19799** (13) A1

(21) PCT/US97/19680

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,183 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B07C 5/00

(54) TELEOPERATED ROBOTIC SORTING SYSTEM
SYSTEME DE TRI A ROBOT TELECOMMANDE

(63) US 60/030,183 (CON)
4 Nov/nov 1996 (04.11.1996)

(71) **NATIONAL RECOVERY TECHNOLOGIES, INC.** [US/US]; 566 Mainstream Drive, Nashville, TN 37228-1223 (US).
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(72, 75) **ROOS, Charles, E.** [US/US]; 2507 Ridgewood Drive, Nashville, TN 37215 (US). **SOMMER, Edward, J., Jr.** [US/US]; 5329 General Forrest Court, Nashville, TN 37215 (US). **PARRISH, Robert, H.** [US/US]; 8029 Settlers Road, Nashville, TN 37221

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(74) **LAW, Glenn et al.** / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19800** (13) A1

(21) PCT/US97/19690

(22) **3 Nov/nov 1997 (03.11.1997)**

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(31) 60/030,185 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B07C 5/00

(54) APPLICATION OF RAMAN SPECTROSCOPY TO IDENTIFICATION AND SORTING OF POST-CONSUMER PLASTICS FOR RECYCLING
APPLICATION D'UNE SPECTROSCOPIE RAMAN PERMETTANT D'IDENTIFIER ET DE TRIER DES PLASTIQUES POST-CONSOMMATION DE FAÇON A LES RECYCLER

(63) US 60/030,185 (CON)
4 Nov/nov 1996 (04.11.1996)

(71) **NATIONAL RECOVERY TECHNOLOGIES, INC.** [US/US]; 566 Mainstream Drive, Nashville, TN 37228-1223 (US).
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(74) **LAW, Glenn et al.** / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19801** (13) A1

(21) PCT/CA97/00811

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/742,508 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B09C 1/10, A62D 3/00

(54) COMPOST DECONTAMINATION OF SOIL CONTAMINATED WITH CHLORINATED TOXICANTS

DECONTAMINATION DE SOLS CONTAMINES PAR DES MATIERES TOXIQUES CHLOROES AU MOYEN D'UN COMPOSTAGE

(71) **ZENECA CORP.** [CA/CA]; Sheridan Park, 2101 Hadwen Road, Mississauga, Ontario L5K 2L3 (CA).

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(72, 75) **MOSER, Guy, P.** [CA/CA]; 3 Thomasfield Drive, Guelph, Ontario N1G 4J3 (CA). **GRAY, Neil, C., C.** [CA/CA]; 2173 Galena Crescent, Oakville, Ontario L6H 4B1 (CA). **MOSER, Lori, E.** [CA/CA]; 3 Thomasfield Drive, Guelph, Ontario N1G 4J3 (CA).

(74) **VAN ZANT, Joan, M.**; Van Zant & Associates, Suite 1407, 77 Bloor Street West, Toronto, Ontario M5S 1M2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19802** (13) A1

(21) PCT/DE97/02473

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) de (26) de

(31) 196 45 420.4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B21B 37/58, 37/50

(54) METHOD AND DEVICE FOR DYNAMIC ADJUSTMENT OF THE ROLL GAP IN THE ROLL HOUSING OF A MULTI-HOUSING MILL TRAIN
PROCEDE ET DISPOSITIF DE REGLAGE DYNAMIQUE DE L'EMPRISE AU NIVEAU DE LA CAGE DE LAMINOIR D'UN TRAIN DE LAMINAGE A PLUSIEURS CAGES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **SYKOSCH, Ralf** [DE/DE]; Tulpenweg 1, D-91365 Weilersbach (DE). **MÜLLER, Matthias** [DE/DE]; Gräfenberger Strasse 49, D-91054 Buckenhof (DE).

(81) AT CN DE KR US.

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(11) **WO 98/19803** (13) A1

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(22) **20 Oct/oct 1997 (20.10.1997)**

(25) de (26) de

(31) 96810732.6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B21C 23/00, 29/04

(54) PROCESS FOR EXTRUDING A METAL SECTION
PROCEDE DE FABRICATION PAR EXTRUSION D'UNE BARRE PROFILEE EN METAL

- (71) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG** [CH/CH]; CH-8212 Neuhausen am Rheinfall (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PLATA, Mirosław** [CH/CH]; 28, chemin Neuf, CH-1963 Vétroz (CH). **BOLLIGER, Martin** [CH/CH]; Route de Miège, CH-3973 Venthône (CH). **ARNOLD, Grégoire** [CH/CH]; 71, route de Mura, CH-3964 Muraz (CH). **SCHWELLINGER, Pius** [DE/DE]; vor Hägin 10, D-78250 Tengen (DE).
- (74) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG**; CH-8212 Neuhausen am Rheinfall (CH).
- (81) BR CA JP KR NO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19804** (13) A1
(21) PCT/EP97/05875
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) de (26) de
(31) 196 45 599.5 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B21D 1/05
(54) DEVICE FOR STRETCHING THIN METAL STRIPS BY TRACTION
DISPOSITIF POUR ETIRER DE FINES BANDES DE METAL PAR TRACTION
- (71) **KAMPF GMBH & CO. MASCHINENFABRIK** [DE/DE]; Mühlener Strasse 36-42, D-51674 Wiehl (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUTZENLAUB, Armin** [DE/DE]; Am Stichelberg 24, D-51674 Wiehl (DE). **HEISTER, Paulus** [DE/DE]; Hohlweg 31, D-51766 Engelskirchen (DE).
- (74) **THUL, Hermann**; Jagenberg Aktiengesellschaft, Zentrale Patentabteilung, Kennedydamm 17, D-40476 Düsseldorf (DE).
- (81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19805** (13) A1
(21) PCT/EP97/05134
(22) **16 Sep/sep 1997 (16.09.1997)**
(25) en (26) en
(31) 96203090.4 (32) **6 Nov/nov 1996 (06.11.1996)** (33) EP
(34) AT et al. / etc.
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B21D 26/14, F16L 33/26, 13/14, F16B 17/00
(54) PROCESS FOR CONNECTING METAL MEMBERS
PROCEDE DE RACCORD D'ELEMENTS METALLIQUES
- (71) **NORSK HYDRO ASA** [NO/NO]; Bygdoy Alle 2, N-0240 Oslo 2 (NO).
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- (72, 75) **ERZ, Hans, Peter** [DK/DK]; Ribevej 13, DK-6780 Skaerbaek (DK). **HEDEDAM, Ove** [DK/DK]; Kongensgade 11, DK-5000 Odense C (DK).
- (74) **BLEUKX, Luc**; Hydro S.A., Avenue Marcel Thiry 83, B-1200 Bruxelles (BE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19806** (13) A1
(21) PCT/AU97/00738
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) PO 3409 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B21D 39/14, 39/04, 39/06
(54) TUBULAR METAL JOINT ASSEMBLY AND MANUFACTURING TOOL THEREFOR
ASSEMBLAGE PAR JOINTS TUBULAIRES METALLIQUES ET OUTIL POUR FORMER CES JOINTS
- (71) **RESEARCH TECHNOLOGY MANUFACTURING (AUST) PTY. LTD.** [AU/AU]; 18th floor, 240 Queen Street, Brisbane, QLD 4000 (AU).
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- (72, 75) **TRETHERWEY, Mark** [AU/AU]; Tenterfield Road, Deepwater, NSW 2371 (AU).
- (74) **FISHER ADAMS KELLY**; Level 13, AMP Place, 10 Eagle Street, G.P.O. Box 1413, Brisbane, QLD 4000 (AU).
- (81) AU CA NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19807** (13) A1
(21) PCT/US97/20049
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 08/743,847 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B21D 51/26
(54) STAGGERED DIE METHOD AND APPARATUS FOR NECKING CONTAINERS
APPAREIL ET PROCEDE UTILISANT UNE MATRICE A PALIERS POUR RETREINDRE DES RECEPTACLES
- (71) **AMERICAN NATIONAL CAN COMPANY** [US/US]; 8770 West Bryn Mawr Avenue, Chicago, IL 60631-3542 (US).
- (72) **CALEFFI, Antonio** (deceased / décédé). **HECIMOVICH, William, A.**; 22 Lister Drive, Northampton NN4 9XE (GB). **WRIGHT, Timothy, R.**; Motopomp Sokak No. 26, Serap Apartment, Daire, 16, Narlidere 12 mir. (TR). **HAYDEN, Leo, F.**; 9237 Primrose Lane, Fox River Grove, IL 60021 (US).
- (74) **CHESTNUT, John, W.**; Suite 960, 100 South Wacker, Chicago, IL 60606 (US).
- (81) AU BR CN JP KR MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19808** (13) A1
(21) PCT/US97/19123
(22) **1 Sep/sep 1997 (01.09.1997)**
(25) en (26) en
(31) 08/743,766 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B22C 1/22, 9/00, C08J 3/00, C08K 3/20, C08L 61/00, 61/06, 75/00, C08G 8/28, 18/00, 18/08, 18/16, 18/18, C07C 229/00, 273/00, 275/00
(54) AMINE MODIFIED POLYISOCYANATES AND THEIR USE IN FOUNDRY BINDER SYSTEMS
POLYISOCYANATES MODIFIES PAR DES AMINES ET LEUR UTILISATION DANS DES SYSTEMES DE LIANTS DE FONDERIE
- (71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).
- (72) **SINGH, Rina**; 5660 St. Andrews Drive, Westerville, OH 43082 (US). **DAMMANN, Laurence, G.**; 2437 Wyndbend Boulevard, Powell, OH 43065 (US).
- (74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19809** (13) A1
(21) PCT/US97/19126
(22) **20 Oct/oct 1997 (20.10.1997)**
(25) en (26) en
(31) 08/743,765 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B22C 1/22
(54) FOUNDRY BINDER SYSTEMS WHICH CONTAIN ALCOHOL MODIFIED POLYISOCYANATES
SYSTEME DE LIANTS DE FONDERIE CONTENANT DES POLYISOCYANATES MODIFIES PAR DES ALCOOLS
- (71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).
- (72) **SINGH, Rina**; 5660 St. Andrews Drive, Westerville, OH 43082 (US). **DAMMANN, Laurence, G.**; 2437 Wyndbend Boulevard, Powell, OH 43065 (US).
- (74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19810** (13) A1
(21) PCT/DE97/01911
(22) **1 Sep/sep 1997 (01.09.1997)**

- (25) de (26) de (31) 196 45 448.4 (32) **4 Nov/nov 1996** (04.11.1996) (33) DE (31) 197 25 379.2 (32) **16 Jun/juin 1997** (16.06.1997) (33) DE (43) 14 May/mai 1998 (14.05.1998) (51)⁶ B22C 15/24 (54) FACILITY AND METHOD FOR PRODUCING CAST SHELLS OR CAST CORE PACKS DISPOSITIF ET PROCÉDE DE FABRICATION DE MASQUES DE COULEE OU DE PAQUETS DE NOYAUX DE COULEE
- (71) **HOTTINGER MASCHINENBAU GMBH** [DE/DE]; Düsseldorf Strasse 20-28, D-68219 Mannheim (DE).
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- (72, 75) **PÖHLANDT, Werner** [DE/DE]; Sternallee 46, D-68723 Schwetzingen (DE). **SEIRAFFI, Mohammed, Ali** [DE/DE]; Hebelstrasse 14, D-68723 Schwetzingen (DE).
- (74) **ULLRICH & NAUMANN**; Luisenstrasse 14, D-69115 Heidelberg (DE).
- (81) BR CA JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19811** (13) A1
(21) PCT/US97/19949
(22) **5 Nov/nov 1997** (05.11.1997)
(25) en (26) en
(31) 60/029,561 (32) **7 Nov/nov 1996** (07.11.1996) (33) US
(31) 08/962,830 (32) **3 Nov/nov 1997** (03.11.1997) (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B22F 1/00, H01G 9/042, 9/052
(54) NIOBIUM POWDERS AND NIOBIUM ELECTROLYTIC CAPACITORS
POUDRES DE NIOBIUM ET CONDENSATEURS ELECTROLYTIQUES AU NIOBIUM
- (71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109-1806 (US).
- (72) **FIFE, James, A.**; 903 Neversink Street, Reading, PA 19606 (US). **LIU, Jane, Jia**; 1141 Little John Way, San Jose, CA 95129 (US). **STEELE, Roger, W.**; P.O. Box 182, Neffs, PA 18065 (US).
- (74) **FINNEGAN, Martha, Ann**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19812** (13) A1
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(22) **5 Nov/nov 1997** (05.11.1997)
(25) en (26) en
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- (31) 08/744,359 (32) **6 Nov/nov 1996** (06.11.1996) (33) US (43) 14 May/mai 1998 (14.05.1998) (51)⁶ B22F 7/03 (54) MULTI-CHANNEL STRUCTURES AND PROCESSES FOR MAKING SUCH STRUCTURES STRUCTURES MULTICANAUX ET LEURS PROCÉDES DE FABRICATION
- (71) **MATERIALS AND ELECTROCHEMICAL RESEARCH (MER) CORPORATION** [US/US]; 7960 South Kolb Road, Tucson, AZ 85706 (US).
- (72) **TUCHINSKIY, Lev, J.**; 6089 N. Reliance Drive, Tucson, AZ 85704 (US). **MALLIA, Robert, A.**; 2001 N. Fountain Park, Tucson, AZ 85715 (US).
- (74) **TEPLITZ, Jerome, M.**; 8040 S. Kolb Road, Tucson, AZ 85706 (US).
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(21) PCT/SE97/01757
(22) **21 Oct/oct 1997** (21.10.1997)
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(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23B 51/00
(54) TOOL FOR CHIP REMOVING MACHINING
OUTIL POUR USINAGE PAR ENLEVEMENT DE COPEAUX
- (71) **SECO TOOLS AB** [SE/SE]; S-737 82 Fagersta (SE).
- (72) **KARLSSON, Ronny**; Ekbacken, Vångsten, S-615 31 Valdemarsvik (SE). **WAGNER, Oile**; Björnkärsgatan 12 B, S-582 51 Linköping (SE).
- (74) **CARLSSON, Lars-Åke**; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).
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(22) **7 Nov/nov 1997** (07.11.1997)
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(31) 60/030,708 (32) **8 Nov/nov 1996** (08.11.1996) (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23B 51/04
(54) END FACE MOUNTED INSERT
PLAQUETTE AMOVIBLE MONTEE SUR UNE FACE TERMINALE
- (71, 72) **HOUGEN, Everett, D.** [US/US]; 5463 Sugarbush, Flint, MI 48501 (US).
- (72, 75) **GILL, Jeffrey, S.** [US/US]; 2067 Hillsdale Drive, Davison, MI 48423 (US).
- (74) **HONAKER, William, H.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN.
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(21) PCT/IL97/00336
(22) **21 Oct/oct 1997** (21.10.1997)
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(31) 119557 (32) **4 Nov/nov 1996** (04.11.1996) (33) IL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23C 5/22
(54) A CUTTING INSERT AND A CUTTING TOOL ASSEMBLY
INSERT DE COUPE ET SYSTEME D'OUTIL DE COUPE
- (71) **ISCAR LTD.** [IL/IL]; P.O. Box 11, 24959 Migdal Tefen (IL).
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- (72, 75) **SATRAN, Amir** [IL/IL]; Moran Street 6, 24960 Kfar Vradim (IL). **MARGULIS, Rafael** [IL/IL]; Jasmin Street 14/20, 20100 Karmiel (IL).
- (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(21) PCT/CA97/00871
(22) **6 Nov/nov 1997** (06.11.1997)
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(31) 9623104.8 (32) **6 Nov/nov 1996** (06.11.1996) (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23D 63/06, 65/00, B23P 15/44
(54) METHOD OF FORMING A TOOTHED CUTTING BLADE
PROCÉDE DE FORMAGE D'UNE LAME TRANCHANTE DENTÉE
- (71) **BONDFACE TECHNOLOGY INC.** [CA/CA]; 305 Knowlton Road, P.O. Box 600, Lac Brome, Quebec J0E 1V0 (CA).
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- (72, 75) **MACKELVIE, Winston, R.** [CA/CA]; P.O. Box 1156, Lac Brome, Quebec J0E 1V0 (CA).
- (74) **PARSONS, Richard, A., R.**; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN.

- (11) **WO 98/19817** (13) A1
(21) PCT/US97/19306
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,009 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23K 10/00
(54) PLASMA JET SOURCE USING AN INERTIAL ELECTROSTATIC CONFINEMENT DISCHARGE PLASMA SOURCE DE JET DE PLASMA DANS LAQUELLE UN PLASMA DE DECHARGE A CONFINEMENT ELECTROSTATIQUE INERTIEL EST UTILISE
(71) **72) MILEY, George, H.** [US/US]; 912 West Armory Drive, Champaign, IL 61821 (US). **GU, Yibin** [CN/US]; 2503 West Springfield, Champaign, IL 61821 (US). **BROMLEY, Blair, P.** [CA/US]; Apartment #22, 106 S. Coler, Urbana, IL 61801 (US). **NADLER, Jonathon, H.** [US/US]; 712 Bucks Lair Court, Mt. Zion, IL 62549 (US). **SVED, John** [AU/DE]; Falken Strasse 3, D-27755 Delmenhorst (DE).
(74) **KASPER, Alan, J.** et al. / etc.; Sughrue, Mion, Zinn, Macpeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20031-3202 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19818** (13) A1
(21) PCT/EP97/06171
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) de (26) de
(31) 196 45 746.7 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23K 35/38, 26/12
(54) METHOD AND PROCESS GAS FOR LASER WELDING METAL WORK PIECES PROCEDE ET GAZ DE PROCESSUS POUR LE SOUDAGE AU LASER DE PIECES METALLIQUES
(71) **AGA AKTIEBOLAG** [SE/SE]; S-181 81 Lidingö (SE).
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(72, 75) **FAERBER, Mark** [DE/DE]; Steinblockstrasse 7, D-22453 Hamburg (DE).
(74) **GLAWE, DELFS, MOLL & PARTNER**; Rothenbaumchaussee 58, D-20148 Hamburg (DE).
(81) BR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(21) PCT/EP97/06036
(22) **3 Nov/nov 1997 (03.11.1997)**
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(31) 196 45 324.0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23Q 1/01
(54) MACHINE TOOL FOR MACHINING LARGE SIZED COMPONENTS BY STOCK REMOVAL MACHINE-OUTIL POUR L'USINAGE PAR ENLEVEMENT DE COPEAUX DE GROSSES PIECES
(71) **DS TECHNOLOGIE WERKZEUG-MASCHINENBAU GMBH** [DE/DE]; Hugo-Junkers-Strasse 12/32, D-41236 Mönchengladbach (DE).
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(72, 75) **IHLENFELDT, Edwin** [DE/DE]; Schwalbenweg 3, D-06449 Aschersleben (DE).
(74) **REHDERS, Jochen**; Stresemannstrasse 28, D-40210 Düsseldorf (DE).
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(22) **7 Nov/nov 1996 (07.11.1996)**
(25) ja (26) ja
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23Q 15/00
(54) METHOD AND DEVICE FOR ANALYZING NC PROGRAM FOR NC MACHINING PROCEDE ET DISPOSITIF D'ANALYSE DE PROGRAMME CN DESTINE A L'USINAGE CN
(71) **KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO** [JP/JP]; 106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-11 (JP). **MITUTOYO CORPORATION** [JP/JP]; 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP). **OKUMA CORPORATION** [JP/JP]; 32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, Aichi 462 (JP).
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(72, 75) **YAMAZAKI, Kazuo** [JP/US]; 44204 Greenview Drive, El Macero, CA 95618 (US).
(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180 (JP).
(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(22) **7 Nov/nov 1996 (07.11.1996)**
(25) ja (26) ja
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23Q 15/00, G05B 19/403
(54) GENERATION OF MEASUREMENT PROGRAM IN NC MACHINING AND MACHINING MANAGEMENT BASED ON THE MEASUREMENT PROGRAM PRODUCTION D'UN PROGRAMME DE MESURE POUR DE L'USINAGE CM ET GESTION DE L'USINAGE FONDEE SUR LE PROGRAMME DE MESURE
(71) **MITUTOYO CORPORATION** [JP/JP]; 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP). **KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO** [JP/JP]; 106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-11 (JP). **OKUMA CORPORATION** [JP/JP]; 32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, Aichi 462 (JP).
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(72, 75) **YAMAZAKI, Kazuo** [JP/US]; 44204 Greenview Drive, El Macero, CA 95618 (US).
(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180 (JP).
(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/19822** (13) A1
(21) PCT/JP96/03266
(22) **7 Nov/nov 1996 (07.11.1996)**
(25) ja (26) ja
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23Q 15/00, 17/09, G05B 19/4065, 19/416
(54) METHOD AND APPRATATUS FOR SIMULATION OF NC MACHINING PROCEDE ET APPAREIL DE SIMULATION D'USINAGE PAR COMMANDE NUMERIQUE
(71) **OKUMA CORPORATION** [JP/JP]; 32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, Aichi 462 (JP). **KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO** [JP/JP]; 106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-11 (JP). **MITUTOYO CORPORATION** [JP/JP]; 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP).
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(72, 75) **YAMAZAKI, Kazuo** [JP/US]; 44204 Greenview Drive, El Macero, CA 95618 (US).
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(22) **7 Nov/nov 1996 (07.11.1996)**
(25) ja (26) ja
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B23Q 15/00, G05B 19/403
(54) NUMERIC CONTROL COMMAND GENERATOR AND METHOD GENERATEUR D'INSTRUCTIONS POUR DISPOSITIF DE COMMANDE NUMERIQUE ET SON PROCEDE DE FONCTIONNEMENT
(71) **OKUMA CORPORATION** [JP/JP]; 32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, Aichi 462 (JP). **KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO** [JP/JP]; 106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-11 (JP). **MITUTOYO CORPORATION** [JP/JP]; 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP).
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(11) **WO 98/19824** (13) A1

(21) PCT/JP96/03268

(22) **7 Nov/nov 1996 (07.11.1996)**

(25) ja (26) ja

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B23Q 15/20, 23/00, G05B 19/404

(54) ERROR CORRECTION APPARATUS FOR NC MACHINE TOOL
APPAREIL DE CORRECTION D'ERREURS POUR MACHINE-OUTIL A COMMANDE NUMERIQUE

(71) **OKUMA CORPORATION** [JP/JP]; 32, Tsujimachi 1-chome, Kita-ku, Nagoya-shi, Aichi 462 (JP). **MITUTOYO CORPORATION** [JP/JP]; 20-1, Sakado 1-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP). **KABUSHIKI KAISHA MORI SEIKI SEISAKUSHO** [JP/JP]; 106, Kitakoriyama-cho, Yamatokoriyama-shi, Nara 639-11 (JP).
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(11) **WO 98/19825** (13) A1

(21) PCT/US97/18867

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/743,639 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24B 31/00, 9/06, 13/00

(54) SILICONE IOL TUMBLING PROCESS
PROCEDE DE POLISSAGE AU TONNEAU DE LENTILLES INTRAOCULAIRES DE SILICONE

(71) **CHIRON VISION CORPORATION** [US/US]; 555 West Arrow Highway, Claremont, CA 91711 (US).

(72) **NGUYEN, Tien, Phuc**; 3105 Manistee, Costa Mesa, CA 92626 (US). **ORCHOWSAKI, Michael, W.**; 1801 Skyline Drive, Laguna Beach, CA 92651 (US). **VALLE, Moises, A.**; Apartment 7, 715 East Garfield, Glendale, CA 91205 (US).

(74) **SCHERLACHER, John, P.** et al. / etc.; Loeb & Loeb LLP, Suite 2200, 10100 Santa Monica Boulevard, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19826** (13) A1

(21) PCT/US97/19881

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,969 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24B 31/00, 13/00, 9/20

(54) CRYOGENIC POLISHING METHOD FOR SOFT ACRYLIC ARTICLES
PROCEDE DE POLISSAGE CRYOGENIQUE D'ARTICLES ACRYLIQUES SOUPLES

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

(72) **LEWELLEN, Kevin**; 5006 Creek Valley Drive, Arlington, TX 76018 (US). **SHEETS, John, W., Jr.**; 4001 Sarita, Fort Worth, TX 76109 (US).

(74) **RYAN, Patrick, M.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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(31) 08/745,984 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24B 37/04, H01L 21/304, C25F 3/00, 3/30

(54) WET ETCH FOR SILICON CARBIDE
NECESSAIRE D'ATTAQUE A L'ACIDE POUR CARBURE DE SILICIUM

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East - 90/110/CC, Los Angeles, CA 90067-2199 (US).

(72) **ELDRIDGE, Graeme, W.**; 4959 Longview Drive, Murrysville, PA 15668 (US).

(74) **BIRCH, Stewart** et al. / etc.; Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).

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(31) 60/030,277 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24B 49/00, 51/00

(54) MULTI-POINT BENDING OF BARS DURING FABRICATION OF MAGNETIC RECORDING HEADS
FLEXION DE BARRES EN PLUSIEURS TETES D'ENREGISTREMENT MAGNETIQUES

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

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(72, 75) **HAO, Shanlin, X.** [CN/US]; 10506 Audubon Court, Eden Prairie, MN 55347 (US).

(74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P. A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) CN DE GB JP KR SG US.

(11) **WO 98/19829** (13) A1

(21) PCT/US97/03386

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/744,259 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24D 3/00, 11/02, 9/08

(54) MULTIPLE ABRASIVE ASSEMBLY AND METHOD
ENSEMBLE ET PROCEDE D'ABRASION MULTIPLE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **RIVARD, Allen, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FITZEL, Galen, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MINICK, Chris, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **TRUSSELL, James, J.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19830** (13) A1

(21) PCT/US97/19893

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/744,259 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(31) 08/937,206 (32) **17 Sep/sep 1997 (17.09.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24D 3/00, 13/16

(54) MULTIPLE ABRASIVE ASSEMBLY AND METHOD
ENSEMBLE A ABRASIFS MULTIPLE ET PROCEDE CORRESPONDANT

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **RIVARD, Allen, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FITZEL, Galen, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MINICK, Chris, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **TRUSSELL, James, J.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19831** (13) A1

(21) PCT/US97/19858

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,117 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 60/055,187 (32) **11 Aug/Août 1997 (11.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B24D 15/00

(54) SANDING DEVICE
BLOC DE PONÇAGE

(63) US 60/030,117 (CON)
1 Nov/nov 1996 (01.11.1996)
US 60/055,187 (CON)
11 Aug/Août 1997 (11.08.1997)

(71, 72) **POOLE, Daniel, L.** [US/US]; 11016 N. Biltmore Drive #1216, Phoenix, AZ 85029 (US). **POOLE, Robert, N.** [US/US]; 260 Bluegrass Ranch Road, Pinetop, AZ 85935 (US).

(74) **PARSONS, Robert, A.**; Suite 260, 340 East Palm Lane, Phoenix, AZ 85004 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19832** (13) A1

(21) PCT/IT97/00272

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) RM96A000759 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B25C 5/04, 5/02

(54) CONTINUOUS WIRE STAPLER
AGRAFEUSE A CABLE CENTINU

(71) **CARAFIA GIOVANNI & C. S.N.C.** [IT/IT]; Via Lago d'Averno, 39, I-80072 Pozzuoli (IT).
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(72, 75) **ARTUSO, Fernando** [IT/IT]; Via I Trav. Cuma, 215, I-80070 Bacoli (IT).

(74) **DOMENIGHETTI FIAMMENGHI, Delfina** et al. / etc.; Fiammenghi Fiammenghi, Via Quattro Fontane, 31, I-00184 Roma (IT).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19833** (13) A2

(21) PCT/CH97/00416

(22) **1 Nov/nov 1997 (01.11.1997)**

(25) de (26) de

(31) 2717/96 (32) **4 Nov/nov 1996 (04.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B25H

(54) DEVICE FOR ORIENTING A WORKING ANGLE IN A DRESSING MACHINE
DISPOSITIF D'ORIENTATION DE L'ANGLE DE TRAVAIL D'UN APPAREIL DE DRESSAGE

(71) **LEMAFORM AG** [CH/CH]; St. Gallerstrasse 605, CH-9524 Zuzwil (CH).
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(72, 75) **LUTHER, Max** [CH/CH]; Flawilerstrasse 31, CH-9500 Wil (CH). **LUTHER, Engelbert, H.** [CH/CH]; Steinhofweg 4, CH-6005 Luzern (CH).

(74) **BOLIS, Giacomo, F.**; Wehntalerstrasse 102, Postfach, CH-8056 Zürich (CH).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19834** (13) A1

(21) PCT/AT97/00234

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) A 1915/96 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B26B 13/24

(54) DOUBLE SCISSORS
DOUBLES CISEAUX

(71, 72) **ADAM, Herbert** [AT/AT]; Hietzinger Hauptstrasse 34a, A-1130 Wien (AT).

(74) **BEER, Manfred** et al. / etc.; Lindengasse 8, A-1070 Wien (AT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19835** (13) A1

(21) PCT/EP97/05388

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) de (26) de

(31) 196 45 265.1 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B26D 1/24, 1/20, 7/06, 7/08, B65B 61/08, B29C 49/72

(54) DEVICE FOR MECHANICALLY SEPARATING LONGITUDINALLY INTERCONNECTED WORKPIECES
DISPOSITIF DE SEPARATION MECANIQUE DE PIECES INTERCONNECTEES DANS LE SENS LONGITUDINAL

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).
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(72, 75) **REIL, Wilhelm** [DE/DE]; Altengaßweg 16, D-64625 Bensheim (DE). **LIEBRAM, Udo** [DE/DE]; Wilhelm-Leuschner-Strasse 4, D-64319 Pfungstadt (DE). **SATTLER, Peter** [DE/DE]; Heidelberger Strasse 52a, D-64673 Zwingenberg (DE). **HIELTSCHER, Uwe** [DE/DE]; Felsbergstrasse 4, D-64625 Bensheim-Hochstädten (DE). **SJÖHOLM, Johan** [SE/SE]; Mariedalsgard, S-224 78 Lund (SE).

(74) **WEBER, D.** et al. / etc.; Gustav-Freytag-Strasse 25, Postfach 61 45, D-65051 Wiesbaden (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19836** (13) A1

(21) PCT/FI97/00661

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) fi (26) en

(31) 964403 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B26D 7/18

(54) METHOD FOR REMOVING DUST IN CONNECTION WITH THE SHEET CUTTER OF A PULP DRYING MACHINE OR EQUIVALENT AND ARRANGEMENT FOR CARRYING OUT THE METHOD
PROCEDE POUR ENLEVER LA POUSSIERE AU NIVEAU DE LA COUPEUSE EN FEUILLES D'UN PRESSE-PATE SECHEUR OU EQUIVALENT. ET DISPOSITIF POUR APPLIQUER LEDIT PROCEDE

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
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(72, 75) **ENKVIST, Jens, Petter** [FI/FI]; 21 Constitution Road, Kennebank, ME 04043 (US). **LINDSTRÖM, Jan** [FI/FI]; Päivärinteenkatu 3, FIN-21110 Naantali (FI). **HANNUS, Lars, Håkan, Mikael** [FI/FI]; Karhunkatu 6, FIN-20750 Turku (FI). **AALTONEN, Rami** [FI/FI]; Stålarinkatu 1 A 33, FIN-20810 Turku (FI). **LEIMU, Juha** [FI/FI]; Tiilentekijänk. 9 C as. 3, FIN-20810 Turku (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19837** (13) A1

(21) PCT/JP97/04017

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ja (26) ja

(31) 8/309911 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B27B 17/00

(54) CUTTING WORK VEHICLE
VEHICULE POUR TRAVAUX DE COUPE

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
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(72, 75) **KIMURA, Keiji** [JP/JP]; Komatsu Ltd. Construction Equipment Research Center, 20-1, Nakase 3-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP). **MURAKAMI, Taku** [JP/JP]; Komatsu Ltd. Construction Equipment Research Center, 20-1, Nakase 3-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP).

(74) **HASHIZUME, Yoshihiko**; Komatsu Building 8F, 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).

(81) CA US.

(11) **WO 98/19838** (13) A2

(21) PCT/US97/19087

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/735,334 (32) **22 Oct/oct 1996 (22.10.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B27N

(54) RENEWABLE SURFACE FOR EXTRUDED
SYNTHETIC WOOD MATERIAL
SURFACE REMPLAÇABLE POUR MATERIAU
DE BOIS SYNTHETIQUE EXTRUDE

(71) **CRANE PLASTICS COMPANY LIMITED PARTNERSHIP** [US/US]; 2141 Fairwood Avenue, P.O. Box 1047, Columbus, OH 43216 (US).

(72) **ZEHNER, Burch, E.**; 1037 Woodtown Drive, Gahanna, OH 43230 (US). **BRANDT, Jeffrey, R.**; 93 Kingsmeadow Lane, Blacklick, OH 43004 (US).

(74) **STANDLEY, Jeffrey, S.**; Standley & Gilcrest, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19839** (13) A1

(21) PCT/US97/19826

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,926 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B28B 1/08

(54) PROCESS FOR CASTING AND SHAPING CEMENT
PROCEDE DE MOULAGE ET DE FORMAGE DE CIMENT

(63) US 60/029,926 (CON)
1 Nov/nov 1996 (01.11.1996)

(71) **BRIDGING TECHNOLOGIES HOLDING LLC.** [US/US]; Jack Lynch, Felfe & Lynch, 25th floor, 805 Third Avenue, New York, NY 10022 (US).
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(72, 75) **PIAZZA, Matthew, R.** [US/US]; 2 Norman Street, Bridgeport, CT 06605 (US).

(74) **TIAJOLOFF, Andrew, L.**; Felfe & Lynch, 25th floor, 805 Third Avenue, New York, NY 10022 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19840** (13) A1

(21) PCT/US97/20083

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,186 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B28B 7/36, 7/28, 7/34, C08J 9/06, 9/08

(54) INVESTMENT CASTING COMPOSITION AND
METHOD FOR MAKING THE SAME
COMPOSITION DE MOULAGE A MODEL
PERDU ET SON PROCEDE DE FABRICATION

(71, 72) **BRANDT, M., Karl** [US/US]; 680 Wise Ferry Road, Lexington, SC 29073 (US).

(74) **MANN, Michael, A.**; Michael A. Mann, P.A., P.O. Box 7908, Columbia, SC 29202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19841** (13) A1

(21) PCT/US97/20335

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,713 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B28D 1/08

(54) HIGH SPEED CUTTING BELT
COURROIE DE COUPE RAPIDE

(71, 72) **VON DUNGEN, Eric** [US/US]; 14 Northwood Drive, Williamsville, NY 14221 (US). **ULRICH, Alfred, J.** [US/US]; 11433 Broadway, Alden, NY (US). **GORECKI, Greg** [US/US]; 3502 Schintzius Road, Eden, NY 14057 (US).

(74) **LUKASIK, Frank, A.**; Apartment 142, 1250 West Marion Avenue, Punta Gorda, FL 33950 (US).

(81) AT AU BG BR CA CH CN CU CZ DE DK ES FI GB HU IL JP KR MX NO NZ PL PT RU SE SG YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19842** (13) A1

(21) PCT/US97/01335

(22) **28 Jan/jan 1997 (28.01.1997)**

(25) en (26) en

(31) 08/742,640 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 33/38, B29D 11/00, G02B 5/124

(54) CUBE CORNER ARTICLE MASTER MOLD
AND METHOD OF MAKING THE SAME
MOULE MAITRE POUR ARTICLE A ELE-
MENTS EN COIN DE CUBE ET SON PROCEDE
DE FABRICATION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **SMITH, Kenneth, L.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert, H.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19843** (13) A1

(21) PCT/US97/20100

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,709 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 43/00, B32B 3/02, 3/08, E04H 12/18

(54) IMPROVED TRUSS STRUCTURE DESIGN
CONCEPTION DE STRUCTURE EN TREILLIS
AMELIOREE

(71) **NU-CAST INC.** [US/US]; 29 Grenier Field Road, Londonderry, NH 03053 (US).

(72) **DAILY, Carl, S.**; 31 Tsienneto Road, Derry, NH 03038 (US). **LEES, Daniel, A.**; 54 Clark Mill Road, Weare, NH 03281 (US). **MCKITTERICK, Dennis, Donald**; 1 Terracewood Road, Londonderry, NH 03053 (US).

(74) **SOLOWAY, Norman, P.**; Hayes, Soloway, Hennessey, Grossman & Hage, 175 Canal Street, Manchester, NH 03101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19844** (13) A1

(21) PCT/US97/21121

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/743,401 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 44/18

(54) ON-DEMAND PRODUCTION OF FOAM CUSHIONS WITH DEFINED THREE-DIMENSIONAL GEOMETRY
PRODUCTION SUR DEMANDE DE COUSSINS EN MOUSSE PRESENTANT UNE GEOMETRIE TRIDIMENSIONNELLE DEFINIE

(63) US 08/743,401 (CON)
1 Nov/nov 1996 (01.11.1996)

(71) **SEALED AIR CORPORATION** [US/US]; Park 80 East, Saddle Brook, NJ 07663 (US).
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(72, 75) **REICHENTHAL, Abraham, N.** [IL/US]; 857 Reservoir Road, Southbury, CT 06488 (US). **SHAFIR, Alexander** [US/US]; 145 Old Farms Road, Watertown, CT 06795 (US). **BERTRAM, George, T.** [US/US]; 4 Windy Woods Circle, Newtown, CT 06470 (US). **CORLISS, James, M.** [-/US]; 25 Phillips Drive, Spofford, NH 03462 (US).

(74) **GIBSON, Floyd, A.**; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19845** (13) A2

(21) PCT/NL97/00603

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) nl (26) en

(31) 1004460 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 45/00, 45/40

(54) SEALING EJECTORPIN
BROCHE EJECTRICE ETANCHE

(71) **FICO B.V.** [NL/NL]; Edisonstraat 90, NL-6942 PZ Didam (NL).
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(72, 75) **VENROOIJ, Johannes, Lambertus, Gerardus, Maria** [NL/NL]; Brederode 18, NL-6922 BM Duiven (NL). **TOMASSEN, Marcel, Gerardus, Antonius** [NL/NL]; Noordeinde 96, NL-6901 EC Zevenaar (NL).

(74) **VAN DEN HEUVEL, Henricus, Theodorus**; Ootroibureau Lioc B.V., Maliebaan 46, NL-3581 CS Utrecht (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19846** (13) A1

(21) PCT/CA97/00827

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,428 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 45/28

(54) APPARATUS FOR AND METHOD OF INJECTION MOLDING
APPAREIL ET PROCEDE DE MOULAGE PAR INJECTION

(71) **HUSKY INJECTION MOLDING SYSTEMS LTD.** [CA/CA]; 480 Queen Street S., Bolton, Ontario L7E 5S5 (CA).
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(72, 75) **DISIMONE, John** [CA/CA]; 97 Wycliffe Avenue, Woodbridge, Ontario L4L 3N4 (CA).

(74) **VAN ZANT, Joan, M.**; Van Zant & Associates, Suite 1407, 77 Bloor Street West, Toronto, Ontario M5S 1M2 (CA).

(81) CA CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19847** (13) A1

(21) PCT/CH97/00415

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) de (26) de

(31) 2705/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 45/28, 45/30, 45/27

(54) INJECTION MOLDING NOZZLE
FILIERE DE MOULAGE PAR INJECTION

(71, 72) **STERN, Christian, René** [CH/CH]; Flachsere, CH-3234 Vinelz (CH).

(74) **FREI PATENTANWALTSBÜRO**; Postfach 768, CH-8029 Zürich (CH).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19848** (13) A1

(21) PCT/SE97/01742

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 9604010-0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 45/56, 45/76, 45/17

(54) PROCESS AT AN INJECTION MOULDING OF PARTS WITH HOLLOW PROFILES
PROCEDE DE MOULAGE PAR INJECTION DE PIECES A PROFILES CREUX

(71) **PERSTORP AB** [SE/SE]; S-284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÅBERG, Anders** [SE/SE]; Stoppgatan 9, S-290 10 Tollarp (SE).

(74) **STENBERG, Yngve**; Perstorp AB, S-284 80 Perstorp (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) de (26) de

(31) 196 45 860.9 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B29C 45/64

(54) INJECTION MOLDING DIE LOCKING AND OPENING DEVICE
DISPOSITIF POUR VERROUILLER ET OUVRIR UN MOULE POUR INJECTION

(71) **OPTIMEL SCHMELZGUSSTECHNIK GMBH & CO. KG** [DE/DE]; Karl-Arnold-Strasse 101, D-58644 Iserlohn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASELOW, Thorsten** [DE/DE]; Gaxberger Weg 14c, D-58675 Hemer (DE). **SCHULZ, Christian** [DE/DE]; Hofstrasse 21c, D-58802 Balve (DE).

(74) **MATHES, Nikolaus**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/US97/19507

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(25) en (26) en

- (31) 08/743,719 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B29C 45/64
- (54) HIGH SPEED LOCKING CLAMP
DISPOSITIF DE SERRAGE RAPIDE
- (71) **HUSKY INJECTION MOLDING SYSTEMS, INC.** [US/US]; 279 Walden Avenue, Buffalo, NY 14225 (US).
- (72) **SCHAD, Robert, D.**; 19 Wychwood Park, Toronto, Ontario M6G 2V5 (CA).
- (74) **BACHMAN, Robert, H.** et al. / etc.; Suite 1201, 900 Chapel Street, New Haven, CT 06510-2802 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19851** (13) A1
- (21) PCT/AU97/00735
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) PO 3394 (32) **1 Nov/nov 1996** (33) AU
(01.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B29C 57/04, B21D 41/02
- (54) BELL-MAKER TOOL FOR ELECTRICAL CONDUIT OR PIPING
OUTIL POUR FORMER UN EMBOUT FEMELLE SUR UNE CONDUITE OU UN TUBE ELECTRIQUE
- (71, 72) **NEKREP, Ronnie, Anthony** [AU/AU]; 17 Neil Street, Bell Post Hill, Geelong, VIC 3215 (AU).
- (81) AU CA NZ US.
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- (11) **WO 98/19852** (13) A1
- (21) PCT/US97/18294
- (22) **13 Oct/oct 1997 (13.10.1997)**
- (25) en (26) en
- (31) 08/743,966 (32) **5 Nov/nov 1996** (33) US
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B29C 63/04, B65D 65/46, 5/60
- (54) PROCESS FOR PACKAGING LARGE BLOCKS OF COLD-FORMABLE PRESSURE-SENSITIVE ADHESIVES AND RESULTANT PRODUCTS
PROCEDE D'EMBALLAGE DE LARGES BLOCS D'ADHESIFS AUTOCOLLANTS FAÇONNABLES A FROID ET PRODUITS QUI EN RESULTENT
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **BERKER, Ali**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ECHOLS, Jimmie, L.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **JOHNSON, Richard, H.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **YOUNG, Chung, I.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PETERS, Carolyn, V.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19853** (13) A1
- (21) PCT/AU97/00733
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) PO 3391 (32) **1 Nov/nov 1996** (33) AU
(01.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B29D 7/01, B29C 39/06, 39/42, B29L 7/00, B29C 33/10
- (54) APPARATUS AND PROCESS FOR THE PRODUCTION OF SOLID SURFACE MATERIAL ARTICLES
DISPOSITIF ET PROCEDE POUR PRODUIRE DES ARTICLES EN MATERIAUX A SURFACE DURE
- (71) **CHEM FORM PTY. LIMITED** [AU/AU]; 62 Blackshaw Avenue, Mortdale, NSW 2223 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLLOWAY, Trevor, Edward** [AU/AU]; 5 Carisbrooke Court, Wantima, VIC 3152 (AU).
- (74) **F. B. RICE & CO.**; 28A Montague Street, Balmain, NSW 2041 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19854** (13) A1
- (21) PCT/US97/18443
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 60/030,565 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B29D 11/00, B29C 33/50
- (54) METHOD AND APPARATUS FOR SEPARATING CONTACT LENS MOLD SECTIONS
PROCEDE ET APPAREIL VISANT A SEPARER LES PARTIES DE MOULE POUR LENTILLE DE CONTACT
- (71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
- (72) **LESCZYNSKI, Michael, A.**; 17 Stonefield Place, Honeoye Falls, NY 14472 (US). **WU, Mingway, B.**; 680 Serra Street #E303, Stanford, CA 94305 (US). **BENTLEY, Christopher**; 24600 Toddy Lane, Farmington Hills, MI 48335 (US). **BEEBE, Kevin, D.**; 705 Ogden-Parma Townline Road, Spencerport, NY 14559 (US).
- (74) **THOMAS, John, E.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
- (81) AL AU BB BR BY CA CU EE ES FI GB HU IL JP KE KG KP KR MD MK MN MW NO NZ PL PT RU SE SI SK TJ TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19855** (13) A1
- (21) PCT/US97/20017
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 08/744,375 (32) **7 Nov/nov 1996** (33) US
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B30B 9/00
- (54) MANUAL REFUSE COMPACTOR
COMPACTEUR MANUEL POUR DECHETS
- (71, 72) **WITTER, Lowell, F.** [US/US]; 450 South Belmont, Elgin, IL 60123 (US).
- (74) **SUMMERFIELD, Craig, A.**; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19856** (13) A1
- (21) PCT/US97/18870
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) en (26) en
- (31) 746,449 (32) **8 Nov/nov 1996** (33) US
(08.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B32B 3/00
- (54) MULTI-COMPONENT DYE COMPOSITIONS FOR OPTICAL RECORDING MEDIA
COMPOSITIONS DE COLORANTS A PLUSIEURS COMPOSANTS DESTINES A DES SUPPORTS D'ENREGISTREMENT OPTIQUE
- (71) **RODIA, Carl, M., doing business as CARL M. RODIA & associates** [US/US]; 13 Locust Street, Trumbull, CT 06611 (US).
- (72) **HURDITCH, Rodney**; 65 Elm Grove Avenue, Providence, RI 02906 (US).
- (74) **SIMONS, William, A.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19857** (13) A1
(21) PCT/US97/17820
(22) **3 Oct/oct 1997 (03.10.1997)**
(25) en (26) en
(31) 08/743,370 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 5/16, 23/08, 27/06, 27/10, C08K 3/34
(54) AQUEOUS INK RECEPTIVE INK JET RECEIVING MEDIUM YIELDING A WATER RESISTANT INK JET PRINT SUPPORT D'IMPRESSION JET D'ENCRE POUR ENCRE AQUEUSE DONNANT UNE IMPRESSION PAR JET D'ENCRE RESISTANT A L'EAU
- (71) **REXAM GRAPHICS INC.** [US/US]; 28 Gaylord Street, South Hadley, MA 01075 (US).
- (72) **ANDERSON, Brian, L.**; 77 Lambert Terrace, Chicopee, MA 01020 (US). **WARREN, Brenda, M.**; 45 Woodlawn Street, South Hadley, MA 01035 (US).
- (74) **GESS, E., Joseph**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19858** (13) A1
(21) PCT/US97/16875
(22) **23 Sep/sep 1997 (23.09.1997)**
(25) en (26) en
(31) 08/753,237 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 15/04, B05D 5/12
(54) CIRCUIT COMPRISING MICROSTRIP CONDUCTOR AND METHOD FOR MAKING THE SAME
CIRCUIT COMPRENANT UN CONDUCTEUR MICRORUBAN ET SON PROCEDE DE FABRICATION
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **MISSELE, Carl**; 2297 Knollwood Drive, Elgin, IL 60123 (US). **LECLAIR, Tim**; 517 Pinon Creek Road, S.E., Albuquerque, NM 87123 (US).
- (74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) CN JP KR.
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- (11) **WO 98/19859** (13) A1
(21) PCT/US97/18876
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) en (26) en
(31) 60/029,266 (32) **25 Oct/oct 1996 (25.10.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 27/12, A61F 13/00
(54) ABSORBENT ARTICLE HAVING A BREATHABLE, FLUID IMPERVIOUS BACKSHEET
ARTICLE ABSORBANT POURVU D'UNE COUCHE INFERIEURE RESPIRANT MAIS IMPERMEABLE AUX FLUIDES
- (31) 60/036,043 (32) **25 Jan/jan 1997 (25.01.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 15/04, B05D 1/36, F28F 3/00
(54) SUPER CONDUCTING HEAT TRANSFER MEDIUM
MILIEU DE TRANSFERT DE CHALEUR SUPRACONDUCTEUR
- (63) US 60/029,266 (CIP)
25 Oct/oct 1996 (25.10.1996)
US 60/036,043 (CIP)
25 Jan/jan 1997 (25.01.1997)
- (71, 72) **QU, Yuzhi** [CN/US]; P.O. Box 611010, San Jose, CA 95161 (US).
- (74) **DEVEAU, COLTON & MARQIS**; Two Midtown Plaza, Suite 1400, 1360 Peachtree Street, N.E., Atlanta, GA 30309-3209 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19860** (13) A1
(21) PCT/US97/19725
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 08/742,888 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 27/00
(54) PAPER MACHINE CLOTHINGS CONSTRUCTED OF EXPANDED PTFE
GARNITURES DE MACHINE A PAPIER FABRIQUEES EN PTFE EXPANSE
- (71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).
- (72) **HAWES, John, M.**; 3520 Hillsborough Drive, Appleton, WI 43911 (US). **KAMINSKI, Terry, J.**; 616 Windmill Drive, Kimberly, WI 54136 (US).
- (74) **SULLIVAN, Joseph, C.** et al. / etc.; Kane, Dalsimer, Sullivan, Kurucz, Levy, Eisele and Richard, LLP, 20th floor, 711 Third Avenue, New York, NY 10017-4014 (US).
- (81) AU BR CA JP KR MX NO NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19861** (13) A2
(21) PCT/US97/20158
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/744,487 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 27/12, A61F 13/00
(54) ABSORBENT ARTICLE HAVING A BREATHABLE, FLUID IMPERVIOUS BACKSHEET
ARTICLE ABSORBANT POURVU D'UNE COUCHE INFERIEURE RESPIRANT MAIS IMPERMEABLE AUX FLUIDES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **CURRO, John, Joseph**; 3102 Dot Drive, Cincinnati, OH 45213 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19862** (13) A1
(21) PCT/US97/19895
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 08/743,351 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 27/18, 27/36, C08K 5/00, 5/315, 5/35, C08L 67/00, 33/00, 69/00
(54) UV STABILIZED MULTI-LAYER STRUCTURES WITH DETECTABLE UV PROTECTIVE LAYERS AND A METHOD OF DETECTION
STRUCTURES MULTICOUCHEES ANTI-UV A COUCHEES ANTI-UV DETECTABLES ET PROCEDE DE DETECTION
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **FAGERBURG, David, Richard**; 3812 Cimmaron Drive, Kingsport, TN 37664 (US). **VICARS, Jack, Donald**; 2744 Circle View Drive, Kingsport, TN 37664 (US).
- (74) **TUBACH, Cheryl, J.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19863** (13) A1
(21) PCT/US97/19643
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/745,395 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B32B 31/12, H01L 23/12
(54) METHOD AND APPARATUS FOR ALIGNING AND LAMINATING SUBSTRATES TO STIFFENERS IN ELECTRICAL CIRCUITS
PROCEDE ET APPAREIL D'ALIGNEMENT ET DE STRATIFICATION DE SUBSTRATS SUR DES RAIDISSEURS, DANS DES CIRCUITS ELECTRIQUES
- (71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

- (72) **PETEFISH, William, George**; 3873 Gunnes Road, Eau Claire, WI 54701 (US). **PIPER, Boydd**; 2841 Kay Street, Eau Claire, WI 54701 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., P.O. Box 9206, 551 Paper Mill Road, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19864** (13) A1
(21) PCT/US97/11972
(22) **9 Jul/juil 1997 (09.07.1997)**
(25) en (26) en
(31) 08/743,544 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B41J 2/155, 2/045, 2/18, 2/175
(54) SINGLE PASS INK JET PRINTER IMPRIMANTE A JET D'ENCRE A PASSE SIMPLE
(71) **SPECTRA, INC.** [US/US]; 150 Congress Street, Keene, NH 03431 (US).

- (72) **HINE, Nathan, P.**; HCR 65, Box 47, South Strafford, VT 05070 (US). **MOYNIHAN, Edward, R.**; R.F.D. #2, Box 59, West Lebanon, NH 03784 (US).
- (74) **HONE, Francis, J.**; Brumbaugh, Graves, Donohue & Raymond, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19865** (13) A1
(21) PCT/EP97/06134
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) MI96A002314 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B41J 2/175
(54) RE-LOADING DEVICE FOR INK-JET WRITING HEAD DISPOSITIF DE RECHARGE POUR TETE D'ECRITURE A JET D'ENCRE
(71) **B.M.S. COSTRUZIONE STAMPI S.R.L.** [IT/IT]; Via Barcellona, 30, I-20093 Cologno Monzese (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BURSESE, Silvio** [IT/IT]; Via P.T. Massironi, 7, I-20049 Concorezzo (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/19866** (13) A1
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(22) **19 Sep/sep 1997 (19.09.1997)**
(25) en (26) en
(31) 9623202.0 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
(31) 9701767.7 (32) **29 Jan/jan 1997 (29.01.1997)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B41M 3/14, D21H 21/42, B42D 15/00
(54) IMPROVEMENTS IN AND RELATING TO SECURITY DOCUMENTS AMELIORATIONS RELATIVES AUX DOCUMENTS DE SECURITE
(71) **THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND** [GB/GB]; Threadneedle Street, London EC2R 8AH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHORLEY, Brian** [GB/GB]; 17 Westbury Lane, Buckhurst Hill, Essex IG9 5NF (GB).
- (74) **NASH, Keith, Wilfrid**; Keith W. Nash & Co., 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) AU CA JP MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19867** (13) A1
(21) PCT/US97/19707
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 08/744,100 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B41M 5/30
(54) HIGH SOLIDS DIRECT THERMAL INK COMPOSITION AND METHOD OF MAKING AND USING SAME COMPOSITION D'ENCRE POUR PROCESSUS THERMIQUE DIRECT, DOTEE D'UNE HAUTE TENEUR EN SOLIDES, ET PROCEDE DE FABRICATION ET D'UTILISATION
(71) **THE STANDARD REGISTER COMPANY** [US/US]; 600 Albany Street, Dayton, OH 45408 (US).
- (72) **MEHTA, Rajendra**; 220 Estates Drive, Centerville, OH 45459 (US). **SHIELDS, Rick, L.**; 5428 Red Coach Road, Dayton, OH 45429 (US). **DOTSON, Mark**; 613 Allenwood Court, Dayton, OH 45420 (US).
- (74) **LUNA, Susan, M.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/19868** (13) A1
(21) PCT/NL97/00608

- (22) **5 Nov/nov 1997 (05.11.1997)**
(25) nl (26) en
(31) 9600945 (32) **7 Nov/nov 1996 (07.11.1996)** (33) BE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B41M 5/36, 5/34, G03C 7/46, 7/02
(54) PROCESS FOR THE MANUFACTURE OF AN OBJECT WITH A COLOURED MARKING PROCEDE DE FABRICATION D'UN OBJET A MARQUAGE DE COULEUR
(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DEN ELSHOUT, Wilhelmus, Henricus, Hubertus, Antonius** [NL/NL]; Onderstehof 9, NL-6132 SM Sittard (NL). **AAGAARD, Olav, Marcus** [NL/NL]; Vildershof 1, NL-6162 JM Geleen (NL).
- (74) **DORRESTIJN, Antoon**; Octroobureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19869** (13) A1
(21) PCT/NL97/00604
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) nl (26) en
(31) 1004433 (32) **5 Nov/nov 1996 (05.11.1996)** (33) NL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B42D 15/00
(54) SECURITY FEATURE COMPRISING A PERFORATION PATTERN DISPOSITIF DE SECURITE COMPORTANT UN MOTIF PERFORE
(71) **INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V.** [NL/NL]; De Run 6509, NL-5504 DR Veldhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COBBEN, Johannes, Ignatius, Marie** [NL/NL]; Berthstraat 11, NL-5507 LT Veldhoven (NL). **ELENBAAS, Abraham** [NL/NL]; Vorenseindseweg 34, NL-4714 RH Sprundel (NL).
- (74) **EVELEENS MAARSE, Pieter**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) CA CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/19870** (13) A1
(21) PCT/FI97/00666
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) fi (26) en
(31) 964406 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B42D 15/10
(54) PASSPORT

- PASSEPORT
- (71) **SETEC OY** [FI/FI]; P.O. Box 31, FIN-01741 Vantaa (FI).
- (72) **ALMGREN, Reijo**; Marjatie 11, FIN-01900 Nurmijärvi (FI). **MÄKINEN, Olli**; Hiivisuontie 2 C, FIN-01690 Vantaa (FI). **JAUHIAINEN, Erkki**; Kiviojantie 123, FIN-03300 Otalampi (FI). **KORHONEN, Maila**; Vaahtokuja 2 B 12, FIN-01600 Vantaa (FI). **PARVIAINEN, Jouko**; Syyrakinkuja 7, FIN-01890 Vantaa (FI).
- (74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).
- (81) CZ EE HU IS LT LV NO PL RU SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/19871** (13) A1
- (21) PCT/IB97/01322
- (22) **22 Oct/oct 1997 (22.10.1997)**
- (25) en (26) en
- (31) 2742/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) CH
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B43K 5/17, 23/12
- (54) AUTOMATIC PEN
MARQUEUR AUTOMATIQUE
- (71, 72) **FRANCHI, Fulvio** [IT/CH]; Via Borghese, 12, CH-6600 Locarno (CH).
- (81) BR CA CH CN ES ID JP KR MX RU SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/19872** (13) A1
- (21) PCT/AU97/00755
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) PO 3506 (32) **7 Nov/nov 1996 (07.11.1996)** (33) AU
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B44F 7/00, B42D 15/02, 15/04 // G09B 25/08
- (54) COMPOSITE DISPLAY SYSTEM
ENSEMBLE DE REPRESENTATION COMPOSITE
- (71, 72) **BRAUN, Andre, Charles** [AU/AU]; 6/290 New South Head Road, Double Bay, NSW 2028 (AU).
- (74) **H.R. HODGKINSON & CO.**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GB GE HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19873** (13) A2
- (21) PCT/EP97/05949
- (22) **28 Oct/oct 1997 (28.10.1997)**
- (25) de (26) de
- (31) 196 45 132.9 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60G 7/00, 25/00, B60K 1/02, 1/04, 7/00, 17/356, B60L 7/00, 7/14, 11/18, 15/08, 15/30, 15/36, B62D 5/04
- (54) A MODULAR WHEEL ASSEMBLY
ENSEMBLE ROUE MODULAIRE
- (71, 72) **GRANT, Vernon, Joel** [NZ/AU]; 55 Colwel Street, Oxley, QLD 4075 (AU). **GRANT, Brendan, Joel** [AU/AU]; 55 Colwel Street, Oxley, QLD 4075 (AU).
- (74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19876** (13) A1
- (21) PCT/FR97/01984
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) fr (26) fr
- (31) 96/13543 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60G 17/015, 17/005, 17/052
- (54) DEVICE FOR MAINTAINING THE LEVEL OF A CHASSIS
DISPOSITIF DE MAINTIEN A NIVEAU D'UN CHASSIS
- (71) **SOCIETE EUROPEENNE DE SEMI-REMORQUES** [FR/FR]; Immeuble Europe II, 1 et 3, rue Marcel Carné, F-91042 Evry Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROBLLOT, Philippe** [FR/FR]; N9 Grande Rue Foret Chenu, F-10130 Saint-Phal (FR). **GANDOLFI, Patrick** [FR/FR]; 69, rue de Saint-Quentin, F-89470 Monetau (FR).
- (74) **MICHELET, Alain**; Cabinet Harlé & Phélip, 21, rue de la Rochefoucauld, F-75009 Paris (FR).
- (81) NO PL RU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/19877** (13) A1
- (21) PCT/US97/19287
- (22) **28 Oct/oct 1997 (28.10.1997)**
- (25) en (26) en
- (31) 08/746,041 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60J 7/12, B62D 29/04
- (54) CANVAS TOP WITH INTEGRAL ROOF BOWS FOR LIGHTWEIGHT AUTOMOBILES
TOIT EN TOILE A ARCEAUX INTEGRES, POUR VEHICULES LEGERS
- (71) **CHRYSLER CORPORATION** [US/US]; 1000 Chrysler Drive, Auburn Hills, MI 48326-2766 (US).
- (72) **DEREES, Delbert, D.**; 439 Morton Street, Romeo, MI 48065 (US). **SCHROEDER, Del, C.**; 760 Wattles Road, Bloomfield Hills, MI 48304 (US).

(74) **GALLOWAY, Peter, D.**; Ladass & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19878** (13) A1

(21) PCT/EP97/06198

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/14033 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60K 6/04

(54) HYBRID MOTOR VEHICLE
VEHICULE AUTOMOBILE HYBRIDE

(71) **BLANDFORD ENTERPRISES LIMITED** [IE/IE]; Unit 41, Central Chambers, Dame Court, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SBARRO, Francesco** [CH/CH]; 28, route de Lausanne, Les Tuileries de Grandson, CH-1422 Grandson (CH).

(74) **NITHARDT, Roland**; Cabinet Nithardt et Associés S.A., Boîte postale 1445, F-68071 Mulhouse Cedex (FR).

(81) BR CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19879** (13) A1

(21) PCT/US97/19625

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/743,064 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60N 2/02

(54) LIGHTWEIGHT BUCKET SEAT FOR MOTOR VEHICLES
SIEGE BAQUET LEGER POUR VEHICULES A MOTEUR

(63) US 08/743,064 (CON)
4 Nov/nov 1996 (04.11.1996)

(71) **CHRYSLER CORPORATION** [US/US]; Chrysler Technology Center, 800 Chrysler Drive East, Auburn Hills, MI 48326-2757 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHROEDER, Del, C.** [US/US]; 760 Wattles Road, Bloomfield Hills, MI 48304 (US). **LENTINI, William** [US/US]; 45840 Springlane, Utica, MI 48317 (US). **JAY, Donald, E.** [US/US]; 4825 Hubbard Drive, Troy, MI 48098 (US). **NUBER, Joseph, E.** [US/US]; 1863 Jason Circle, Rochester Hills, MI 48306 (US).

(74) **GALLOWAY, Peter, D.**; Ladass & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19880** (13) A1

(21) PCT/US97/19883

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,198 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60N 3/04

(54) MOTOR VEHICLE FLOOR MAT WITH EXCHANGEABLE TEXTILE FACED INSERT
TAPIS INTERIEUR D'AUTOMOBILE A GARNITURE REMPLAÇABLE A SURFACE TEXTILE

(71, 72) **BAILEY, Bob** [US/US]; 2022 Maple Avenue, Charlton, NY 12019 (US).

(74) **ROTHENBERG, Jeff** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19881** (13) A1

(21) PCT/BE97/00127

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) fr (26) fr

(31) 9600942 (32) **6 Nov/nov 1996 (06.11.1996)** (33) BE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60N 3/08, B60H 1/24

(54) ASHTRAY WITH SUCTION DEVICE
CENDRIER ASPIRANT

(71, 72) **MORSAT, Philippe** [BE/BE]; Rue Marexhe 36, B-4530 Villers-le-Bouillet (BE).

(74) **VANDERPERRE, Robert**; Bureau Vander Haeghen, Avenue Rogier 19/013, B-4000 Liège (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19882** (13) A1

(21) PCT/US97/20909

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/029,933 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60P 1/56

(54) HOPPER
TREMIE

(71, 72) **COLLINS, P., Michael** [US/US]; 3790 Sagebrush Lane, Cincinnati, OH 45251 (US).

(74) **HAUPT, Keith, R.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/19883** (13) A1

(21) PCT/GB97/03070

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623227.7 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60P 1/64, B65D 88/12

(54) FREIGHT CONTAINERS
CONTENEURS

(71) **BELL LINES LIMITED** [IE/IE]; Bell House, 7/11 Montague Street, Dublin 2 (IE). **GEEST NORTH SEA LINE B.V.** [NL/NL]; Seattleweg 15, NL-3195 ND Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRONK, Wouter** [NL/NL]; Bergmolen 77, NL-2406 KW Alphen am den Rijn (NL). **HARRISON, William, Michael** [GB/GB]; 12 Avon Close, Caldicot, Monmouthshire NP6 4NH (GB).

(74) **BARDO, Julian, Eason** et al. / etc.; Abel & Imray, Northumberland House, 303-306 High Holborn, London WC1V 7LH (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19884** (13) A1

(21) PCT/US97/20078

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/746,099 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60P 7/00

(54) VEHICLE WHEEL TIEDOWN
ANCRAGE DE ROUES DE VEHICULE

(71) **TEFTEC CORPORATION** [US/US]; 6929 Spring Branch Road, Spring Branch, TX 78070 (US).

- (72) **FINCH, Thomas, E.**; 6929 Spring Branch Road, Spring Branch, TX 78070 (US).
- (74) **PETERSON, Gale, R.** et al. / etc.; Cox & Smith Incorporated, Suite 1800, 112 East Pecan Street, San Antonio, TX 78205 (US).
- (81) CA JP KP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

- (11) **WO 98/19885** (13) A1
- (21) PCT/US97/18884
- (22) **20 Oct/oct 1997 (20.10.1997)**
- (25) en (26) en
- (31) 08/744,086 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60Q 1/00, G08B 1/08, B61L 3/00
- (54) CAR IDENTIFICATION AND ORDERING SYSTEM
SYSTEME D'IDENTIFICATION ET DE CLASSEMENT DE VOITURES
- (71) **ZEFTRON, INC.** [US/US]; 2175 Aucutt Road, Montgomery, IL 60538 (US).
- (72) **WALDROP, Jeremy, S.**; 1557 Golden Oaks Parkway, Aurora, IL 60506 (US).
- (74) **ZICKERT, Lloyd, L.**; 79 West Monroe Street, Chicago, IL 60603 (US).
- (81) BR CA MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/19886** (13) A1
- (21) PCT/CH96/00392
- (22) **6 Nov/nov 1996 (06.11.1996)**
- (25) fr (26) fr
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60Q 1/14
- (54) AUTOMATIC CONTROL DEVICE FOR MOTOR VEHICLE HEADLIGHTS
DISPOSITIF DE CONTROLE AUTOMATIQUE DES PHARES DE VEHICULES AUTOMOBILES
- (71, 72) **RAVUSSIN, Pierre** [CH/CH]; 58, avenue de Chailly, CH-1012 Lausanne (CH).
- (81) CZ JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19887** (13) A1

- (21) PCT/US96/17614
- (22) **4 Nov/nov 1996 (04.11.1996)**
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60Q 7/00, 1/50, 1/52, E01F 9/00, G09F 15/00
- (54) DISTRESS WARNING SIGNAL DEVICE
DISPOSITIF DE SIGNALISATION D'APPEL DE DETRESSE
- (71, 72) **McDOWELL, Robert, A., II** [US/US]; 1920 N. 48th Avenue, Hollywood, FL 33021 (US).
- (74) **OLTMAN, John, H.**; Suite 415, 915 Middle River Drive, Fort Lauderdale, FL 33304 (US).

- (81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MW MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19888** (13) A1

- (21) PCT/US97/03508
- (22) **7 Mar/mar 1997 (07.03.1997)**
- (25) en (26) en
- (31) 08/743,315 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 1/10, G02B 5/08, 7/182
- (54) VEHICULAR VISUAL SAFETY DEVICE
DISPOSITIF DE SECURITE DE LA VISIBILITE POUR VEHICULES
- (71) **AUTOMOTIVE CONTROL TECHNOLOGIES, INC.** [US/US]; Read Farm Road, East Dorset, VT 05253 (US).
- (72) **STRAUSS, Arthur, D.**; 16 Milestone Drive, Marlborough, CT 06447 (US). **MORRIS, Robert, L., II**; 125 Bank Street, Burlington, VT 05402 (US).
- (74) **VERGA, Michael, G.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19889** (13) A1

- (21) PCT/SE97/01849
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) sv (26) en
- (31) 9604012-6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 11/02
- (54) METHOD AND MEANS FOR ATTACHING MOBILE PHONES IN VEHICLES
PROCEDE ET MOYENS SERVANT A FIXER DES TELEPHONES MOBILES DANS DES VEHICULES
- (71, 72) **PERSSON, Paul** [SE/SE]; Rådjurstigen 20A, S-433 50 Partille (SE).
- (74) **ERIKSSON, Hans, G.**; P.O. Box 50, S-641 21 Katrineholm (SE).
- (81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19890** (13) A1

- (21) PCT/DE97/02332
- (22) **11 Oct/oct 1997 (11.10.1997)**
- (25) de (26) de

(31) 196 45 944.3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 16/02
- (54) CONTROL UNIT FOR THE POWER SUPPLY SYSTEM ON-BOARD
COMMANDE DE RESEAU D'ALIMENTATION ELECTRIQUE DE BORD
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **FREY, Wunibald** [DE/DE]; Schillerstrasse 8, D-71701 Schwieberdingen (DE). **KOELLE, Gerhard** [DE/DE]; Hofwiesenstrasse 22, D-75446 Wiernsheim (DE). **GEIGER, Albert** [DE/DE]; Novalisweg 8, D-71735 Eberdingen (DE).
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- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/746,311 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 21/00, 22/38, 22/40
- (54) SEAT BELT RETRACTOR ASSEMBLY HAVING MAGNETICALLY ACTUATED LOCKING MECHANISM
ENSEMBLE ENROULEUR DE CEINTURE DE SECURITE A MECANISME DE BLOCAGE A COMMANDE MAGNETIQUE
- (71) **ROSTRA PRECISION CONTROLS, INC.** [US/US]; 2519 Dana Drive, Laurinburg, NC 28352 (US).

(72) **MCCARTY, Bryan, R.**; 1204 Rose Court, Laurinburg, NC 28352 (US).

(74) **MACMILLAN, Richard, S.**; MacMillan, Sobanski & Todd, One Maritime Plaza, 4th floor, 720 Water Street, Toledo, OH 43604 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19892** (13) A1

- (21) PCT/US97/18276
- (22) **10 Oct/oct 1997 (10.10.1997)**
- (25) en (26) en
- (31) 08/745,362 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 21/20, F16B 21/08
- (54) FASTENER SYSTEM AND AIR BAG MODULE USING SAME
SYSTEME DE FIXATION ET MODULE DE COUSSIN D'AIR UTILISANT CE SYSTEME

- (71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; 5300 Old Tampa Highway, P.O. Box 33050, Lakeland, FL 33807-3050 (US).
- (72) **DILLON, Michael, Road;** Apartment B305, 3512 Grange Hall Road, Holly, MI 48442 (US).
- (74) **DRAYER, R., Lonnie;** Breed Automotive Technology, Inc., 5300 Old Tampa Highway, P.O. Box 33050, Lakeland, FL 33807-3050 (US).
- (81) BR JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) ja (26) ja
- (31) 8/295550 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
- (31) 9/111507 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP
- (31) 9/129617 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
- (31) 9/144370 (32) **2 Jun/juin 1997 (02.06.1997)** (33) JP
- (31) 9/167732 (32) **24 Jun/juin 1997 (24.06.1997)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 21/22
- (54) ARRANGEMENT AND CONSTRUCTION OF CREW PROTECTIVE DEVICE FOR AUTOMOBILE
SYSTEME ET STRUCTURE POUR DISPOSITIF DE PROTECTION DES PASSAGERS DANS UNE AUTOMOBILE
- (71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **TOYOTA GOSEI CO., LTD.** [JP/JP]; 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP).
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- (72, 75) **KUBOTA, Yasushi** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **AONO, Masamichi** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **TAKAHASHI, Goro** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **OHTSUKA, Takuya** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **SHIBATA, Minoru** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **NAGAI, Yutaka** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **TAJIMA, Hiroyuki** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **KOBAYASHI, Fumitake** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **NAKAJIMA, Hiroki** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **TOTANI, Chiharu** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **TANAKA, Tadao** [JP/JP]; Toyota Gosei Co., Ltd., 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi-ken 452 (JP). **NOTO, Katsunori** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP).
- (74) **NAKAJIMA, Jun** et al. / etc.; Taiyo, Nakajima & Kato, HK-Shinjuku Building, 7th floor, 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) BR CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (21) PCT/JP97/04018
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) ja (26) ja
- (31) 8/295543 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
- (31) 8/295546 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
- (31) 8/346277 (32) **25 Dec/déc 1996 (25.12.1996)** (33) JP
- (31) 8/346293 (32) **25 Dec/déc 1996 (25.12.1996)** (33) JP
- (31) 8/346298 (32) **25 Dec/déc 1996 (25.12.1996)** (33) JP
- (31) 9/167736 (32) **24 Jun/juin 1997 (24.06.1997)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 21/22
- (54) AIR BAG FOR SIDE AIR BAG DEVICE
COUSSIN DE SECURITE GONFLABLE POUR DISPOSITIF COUSSIN DE SECURITE GONFLABLE LATERAL
- (71) **TOYODA GOSEI CO., LTD.** [JP/JP]; 1, Aza-Nagahata, Ohaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452 (JP). **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKUMURA, Katsuhiko** [JP/JP]; 1-49, Sui-gen-cho 6-chome, Toyota-shi, Aichi 471 (JP). **TANASE, Toshinori** [JP/JP]; 464, Beppu Kitama-chi, Hozumi-cho, Motosu-gun, Gifu 501-02 (JP). **NAKAMURA, Eisiti** [JP/JP]; 33-20, Aza-Renda, Tozuka, Yamato-cho, Ichinomiya-shi, Aichi 491 (JP). **YAMAMOTO, Takashi** [JP/JP]; 1-9-3, Takagi-cho, Minato-ku, Nagoya-shi, Aichi 455 (JP). **TERAZAWA, Choko** [JP/JP]; 1991-2, Takaki, Tanyo-cho, Ichinomiya-shi, Aichi 491 (JP). **OCHIAI, Yasuo** [JP/JP]; 21-1, Sotowariden Tenno Nishi, Kisogawa-cho, Haguri-gun, Aichi 493 (JP). **FUJIWARA, Hideyuki** [JP/JP]; 40-2, Orizu Tsuchiyama-cho, Inazawa-shi, Aichi 492 (JP). **KONDO, Shinji** [JP/JP]; 1-293, Higashimidori-cho 1-chome, Inazawa-shi, Aichi 492 (JP). **KUBOTA, Yasushi** [JP/JP]; 25-5, Itsutsugaoka 1-chome, Toyota-shi, Aichi 471 (JP). **NAKAJIMA, Hiroki** [JP/JP]; 2-12-6-402, Kashiwagi-cho, Mizuho-ku, Nagoya-shi, Aichi 467 (JP). **MIURA, Shuji** [JP/JP]; 52-6, Aza-Yamanokami, Hosokawa-cho, Okazaki-shi, Aichi 444-21 (JP).
- (74) **IIDA, Akio** et al. / etc.; 11-18, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460 (JP).
- (81) BR CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19895** (13) A2
- (21) PCT/EP97/05962
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) de (26) de
- (31) 196 45 177.9 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 21/26, 21/00
- (54) GAS GENERATOR
GENERATEUR DE GAZ
- (71) **TRW AIRBAG SYSTEMS GMBH & CO. KG** [DE/DE]; Wernher-von-Braun-Strasse 1, D-84544 Aschau am Inn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÜLLER, Werner** [DE/DE]; Schwindstrasse 54, D-84453 Mühldorf (DE). **RUCKDESCHEL, Rolf** [DE/DE]; An der Dornzeile 22, D-87645 Schwangau (DE).
- (74) **SULZBACH, Werner;** Prinz & Partner, Manzingergeweg 7, D-81241 München (DE).
- (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19896** (13) A1
- (21) PCT/JP97/04046
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) ja (26) ja
- (31) 8/294041 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 22/36
- (54) WEBBING WINDING DEVICE
DISPOSITIF D'ENROULEMENT DE SANGLE
- (71) **KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO** [JP/JP]; 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwa-gun, Aichi-ken 480-01 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDO, Takayuki** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwa-gun, Aichi-ken 480-01 (JP). **HOSHINO, Kenji** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwa-gun, Aichi-ken 480-01 (JP).
- (74) **NAKAJIMA, Jun** et al. / etc.; Taiyo, Nakajima & Kato, HK-Shinjuku Building, 7th floor, 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) CA KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19897** (13) A1
- (21) PCT/EP97/04940
- (22) **10 Sep/sep 1997 (10.09.1997)**
- (25) de (26) de
- (31) 196 45 461.1 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B60R 25/04, E05B 49/00
- (54) DEVICE WITH A CLOSING CYLINDER AND A SWITCH FOR VARIOUS ELECTRIC FUNCTIONS, IN PARTICULAR IGNITION STARTER SWITCH FOR MOTOR VEHICLES
DISPOSITIF AVEC UN CYLINDRE DE FERMETURE ET UN COMMUTATEUR DE FONCTIONS ELECTRIQUES DIVERSES, NOTAMMENT CONTACTEUR D'ALLUMAGE POUR VEHICULES A MOTEUR
- (71) **HUF HÜLSBECK & FÜRST GMBH & CO. KG** [DE/DE]; Steeger Strasse 17, D-42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEMMANN, Harald** [DE/DE]; Unterer Eickeshagen 5a, D-42555 Velbert (DE). **SIMON, Jörg** [DE/DE]; Stettinerstrasse 15B, D-42579 Heiligenhaus (DE).

- (74) **MENTZEL, Norbert**; Kleiner Werth 34, D-42275 Wuppertal (DE).
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(11) **WO 98/19898** (13) A1

(21) PCT/EP97/06172

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 96203104.3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) EP

(34) LU et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60S 1/34

(54) WINDSCREEN WIPER ARM AND METHOD FOR MANUFACTURING THE WINDSCREEN WIPER ARM
BRAS D'ESSUIE-GLACE ET PROCEDE DE FABRICATION DE CELUI-CI

(71) **COOPER INDUSTRIES, INC.** [US/US]; P.O. Box 4466, Houston, TX 77210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THIBAUT, Fernand, Valentin** [LU/LU]; Rue de l'Ecole, 7B, L-Eischen (LU).

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(81) AU CA CN JP KR RU US.

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(22) **23 Aug/Août 1997 (23.08.1997)**

(25) de (26) de

(31) 196 45 170.1 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60S 1/38, 1/40

(54) WIPER BLADE FOR VEHICLE WINDOW PANES
BALAI D'ESSUIE-GLACE POUR VITRES DE VEHICULE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERKEL, Wilfried** [DE/DE]; Westring 10A, D-77876 Kappelrodeck (DE). **KOTLARSKI, Thomas** [DE/DE]; Hauptstrasse 58a, D-77830 Bühlertal (DE). **REISS, Jürgen** [DE/DE]; Waldsteg 13, D-77815 Bühl (DE).

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(11) **WO 98/19900** (13) A1

(21) PCT/US97/19797

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/709,562 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60T 7/04

(54) PARKING BRAKE MECHANISM AND METHODS OF ASSEMBLY AND OPERATION
MECANISME DE FREIN DE STATIONNEMENT ET PROCEDES D'ASSEMBLAGE ET D'UTILISATION

(71) **DURA AUTOMOTIVE SYSTEMS, INC.** [US/US]; 2791 Research Drive, Rochester Hills, MI 48309-3575 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PORTER, Curtis, Hank** [US/US]; 3801 Bushman LK LN, Ortonville, MI 48462 (US). **HANSON, John, David** [US/US]; 6940 Norman Road, Bloomfield Hills, MI 48301 (US).

(74) **BOYER, Michael, Kevin**; Orscheln Management Co., 2000 US Highway 63 South, Moberly, MO 65270 (US).

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(11) **WO 98/19901** (13) A1

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(31) 196 45 338.0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B60T 8/42, 8/48

(54) ANTI-LOCK HYDRAULIC MOTOR VEHICLE BRAKING SYSTEM
SYSTEME DE FREINAGE HYDRAULIQUE ANTIBLOCAGE POUR AUTOMOBILE

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
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(72, 75) **FENNEL, Helmut** [DE/DE]; Feldbergstrasse 8, D-65812 Bad Soden (DE).

(74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19902** (13) A1

(21) PCT/AU97/00741

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) PO 3414 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU

(31) PO 6987 (32) **23 May/mai 1997 (23.05.1997)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B61D 3/18, 47/00, B65G 63/02

(54) RAIL/ROAD TRANSPORT
FERROUTAGE

(71) **RAILROAD TECHNOLOGIES PTY. LTD.** [AU/AU]; 9 Prospect Street, Box Hill, VIC 3128 (AU).
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(72, 75) **MURRAY, Noel, William** [AU/AU]; 12 Jubilee Street, Mount Waverley, VIC 3149 (AU). **KNIGHT, John, Keith** [NZ/AU]; 14 Eastern Avenue, Doncaster, VIC 3108 (AU). **RANDELL, Robert, Edwin** [AU/AU]; 1 Derwent Drive, Bayswater, VIC 3153 (AU). **KUHNEL, Bruce, Thomas** [AU/AU]; 55 Park Road, Glen Iris, VIC 3146 (AU). **DRANSFIELD, Peter** [AU/AU]; 11 Deauville Street, Beaumaris, VIC 3193 (AU).

(74) **OBERIN, Colin, James** et al. / etc.; Oberins Arthur Robinson & Hedderwicks, 530 Collins Street, Melbourne, VIC 3000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19903** (13) A1

(21) PCT/US97/13063

(22) **6 Aug/Août 1997 (06.08.1997)**

(25) en (26) en

(31) 08/743,381 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B62B 3/02, B62D 33/04

(54) PORTABLE SUSPENSION SYSTEM FOR HIGHLY SENSITIVE EQUIPMENT
SYSTEME DE SUSPENSION PORTABLE POUR EQUIPEMENT EXTREMEMENT SENSIBLE

(71) **LASERVISION CENTERS, INC.** [US/US]; Suite 200, 540 Maryville Center Drive, St. Louis, MO 63141 (US).
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(72, 75) **LENKMAN, Thomas, E.** [US/US]; 314 Cadillac, St. Charles, MO 63301 (US).

(74) **KOVAC, Michael**; Polster, Lieder, Woodruff & Lucchesi, 763 South New Ballas Road, St. Louis, MO 63141 (US).

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(11) **WO 98/19904** (13) A2

(21) PCT/EP97/06141

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) PA96U000011 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B62J 17/04, 17/00

(54) WINDSHIELD AND FRAME THEREOF FOR MOTORCYCLES

- PARE-BRISE ET SON CADRE POUR MOTO-CYCLETTES
- (71, 72) **BAIAMONTE, Giuseppe** [IT/IT]; Largo S. Mamiliano, 4, I-90100 Palermo (IT).
- (74) **CELESTINO, Marco**; ABM Agenzia Brevetti & Marchi, Via A. della Spina, 40, I-56125 Pisa (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19905** (13) A1
(21) PCT/NO97/00287
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) no (26) en
(31) 964680 (32) **5 Nov/nov 1996 (05.11.1996)** (33) NO
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B63B 1/10, B63C 7/02
(54) MULTI-HULL VESSEL NAVIRE MULTICOQUES
(71) **COB LINE INTERNATIONAL A/S** [NO/NO]; Hotvedtveien 90-02, N-3001 Drammen (NO).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HAGEN, Per, I.** [NO/NO]; Aleksander Kiellandsvei 1, N-3022 Drammen (NO).
(74) **OLSEN, Svein, Arne**; Bryn & Aarflot A/S, P.O. Box 449, Sentrum, N-0104 Oslo (NO).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19906** (13) A1
(21) PCT/NO97/00290
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 964703 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NO
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B63B 35/70
(54) CONNECTION DEVICE BETWEEN A SHIP'S TWO PARTS
DISPOSITIF DE LIAISON ENTRE DEUX PARTIES D'UN NAVIRE
(71, 72) **AAVITSLAND, Dag, O.** [NO/NO]; Nils Bergs vei 19, N-1322 Høvik (NO).
(74) **TANDBERGS PATENTKONTOR AS**; P.O. Box 7085, N-0306 Oslo (NO).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19907** (13) A1
(21) PCT/EP97/06207
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) de (26) de
(31) 296 19 385.2 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
(31) 196 48 417.0 (32) **22 Nov/nov 1996 (22.11.1996)** (33) DE
(31) 297 07 028.2 (32) **18 Apr/avr 1997 (18.04.1997)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B63H 5/10, 5/14, 1/28, 23/00 // 11/08, 25/42
(54) DUAL PROPELLER PROPULSION SYSTEM FOR A WATER CRAFT
SYSTEME DE PROPULSION A DOUBLE HELICE POUR NAVIRES
(71) **SCHOTTEL-WERFT JOSEF BECKER GMBH & CO. KG** [DE/DE]; Mainzer Strasse 99, D-56322 Spay (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **REUTER, Reinhold** [DE/DE]; Gartensstrasse 6, D-56281 Schwall (DE). **KAUL, Stefan** [DE/DE]; Mühlenweg 12, D-56307 Harschbach (DE).
(74) **WALTER, Helmut**; Aubinger Strasse 81, D-81243 München (DE).
(81) CA CN JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (11) **WO 98/19908** (13) A1
(21) PCT/US97/18014
(22) **3 Oct/oct 1997 (03.10.1997)**
(25) en (26) en
(31) 08/745,351 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B64C 1/32
(54) EMERGENCY EGRESS SYSTEM FOR AIRCRAFT
SYSTEME D'EVACUATION D'URGENCE POUR AERONEFS
(71) **SIKORSKY AIRCRAFT CORPORATION** [US/US]; Legal-IP Dept., 6900 Main Street, M/S S316A, P.O. Box 9729, Stratford, CT 06497-9129 (US).
(72) **RANDALL, Martin, J.**; 1477 Country Club Road, Middletown, CT 06457 (US). **TONER, Thomas, J.**; 16 Captain's Walk, Milford, CT 06460 (US).
(74) **COLLINS, Brian, A.**; Sikorsky Aircraft Corporation, Legal-IP Dept., 6900 Main Street, M/S S316A, P.O. Box 9729, Stratford, CT 06497-9129 (US).
(81) CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19909** (13) A1
(21) PCT/EP97/06048
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de
(31) 196 45 942.7 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B64C 27/00, B64F 5/00
(54) DEVICE AND METHOD FOR MEASURING AND CALIBRATING THE CONTROL ANGLES AND CONTROL FORCES OF A ROTOR BLADE DISPOSITIF ET PROCEDURE POUR LA MESURE ET LE CALIBRAGE D'ANGLES DE COMMANDE ET D'EFFORTS DE COMMANDE D'UNE PALE DE ROTOR
(71) **ZF LUFTFAHRTTECHNIK GMBH** [DE/DE]; Flughafen Kassel, D-34379 Calden (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BRÜGGEMANN, Detlef** [DE/DE]; Cottbusser Strasse 32, D-34292 Ahnatal (DE). **SCHRÖDER, Günter** [DE/DE]; Schöne Aussicht 22, D-34266 Niestetal (DE). **SOMMER, Armin** [DE/DE]; Mönchehofer Strasse 23, D-34246 Vellmar (DE).
(74) **ZIETLOW, Karl-Peter**; ZF Friedrichshafen AG, D-88038 Friedrichshafen (DE).
(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (11) **WO 98/19910** (13) A1
(21) PCT/US97/19235
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) en (26) en
(31) 08/742,542 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B64F 1/305
(54) PASSENGER BOARDING BRIDGE FOR SERVING COMMUTER AIRCRAFT
PASSERELLE D'EMBARQUEMENT DESTINEE AUX AVIONS-NAVETTES
(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).
(72) **MITCHELL, Gary, Ronald**; 1913 West Sir Timothy, Salt Lake City, UT 84116 (US). **POHLY, Daniel, Dean**; 9079 East Kelley Drive, Huntsville, UT 84317 (US). **BEAZER, Eric, Peter**; 138 West Ray, Ogden, UT 84404 (US). **ANDERSON, Bruce, Wayne**; 4969 South 6150 West, Hooper, UT 84315 (US).
(74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19911** (13) A2
(21) PCT/US97/20905
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 60/030,022 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B64G

- (54) GYROSCOPIC SPACE SHIP/STATION WITH DOCKING MECHANISM
VAISSEAU SPATIAL/STATION SPATIALE GYROSCOPIQUE COMPRENANT UN MECANISME D'ARRIMAGE
- (71, 72) **RIVERA, Ramon, L.** [US/US]; 7317 Dunfield Avenue, Los Angeles, CA 90045 (US).
- (81) JP RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/19912** (13) A2
(21) PCT/US97/19751
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/744,628 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65B
(54) BAG FILLING, CLOSING, AND SEALING MACHINE
MACHINE A REMPLIR, FERMER ET SCELLER DES SACS
(71) **SLIDELL, INC.** [US/US]; 1234 Brady Boulevard, Owatonna, MN 55060 (US).
(72) **McGREGOR, James, Ray**; 23175 France Circle, Lakeville, MN 55044 (US). **STEIGER, Tracy, Jay**; 1605 Mosher Avenue, Owatonna, MN 55060 (US). **WOBSCHELL, La Vern, Noel**; 2580 Lamada Place, Owatonna, MN 55066 (US).
(74) **MOORE, Malcolm, L.** et al. / etc.; 3000 Norwest Center, 90 S. 7th Street, Minneapolis, MN 55402 (US).
(81) CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19913** (13) A2
(21) PCT/GB97/02926
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 9622931.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65B 11/50, 59/00, 47/04
(54) SMALL-SCALE BLISTER PACKER
APPAREIL D'EMBALLAGE-COQUE A PETITE ECHELLE
(71) **SEPHA PHARMACEUTICALS LIMITED** [GB/GB]; Jubilee Road, Newtownards, County Down BT23 4XQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PARKER, Andrew, Ernest** [GB/GB]; Jubilee Road, Newtownards BT23 4XQ (GB). **HEWITT, Aaron** [GB/GB]; Jubilee Road, Newtownards BT23 4XQ (GB).
(74) **ANSONS**; 240 Upper Newtownards Road, Belfast BT4 3EU (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19914** (13) A1
(21) PCT/EP97/06062
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de
(31) 196 45 596.0 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65B 43/12, 41/02
(54) DEVICE FOR PACKING WRAPPERS FEEDING IN A FILLING MACHINE TO FILL LIQUID FOODSTUFF IN MULTILAYER COMPOSITE PACKINGS
DISPOSITIF POUR AMENER DES ENVELOPPES D'EMBALLAGE DANS UNE MACHINE DE REMPLISSAGE EN VUE DU TRANSVASEMENT DE PRODUITS ALIMENTAIRES LIQUIDES DANS DES EMBALLAGES COMPOSITES MULTICOUCHEES
(71) **PKL VERPACKUNGSSYSTEME GMBH** [DE/DE]; Rurstrasse 58, D-52441 Linnich (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BAUER, Jens** [DE/DE]; Dresdner Strasse 55b, D-01465 Langebrück (DE). **BERGER, Jörg** [DE/DE]; Schmitthoferstrasse 56, D-52076 Aachen (DE). **BÖHME, Thomas** [DE/DE]; Baumzeile 13, D-01277 Dresden (DE). **SPELTEN, Franz-Willi** [DE/DE]; Marktstrasse 47, D-41844 Wegberg (DE).
(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).
(81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/19915** (13) A1
(21) PCT/DK97/00498
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) da (26) en
(31) 1219/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65B 51/30, 61/08 // B26D 1/62, 5/20
(54) CROSS JOINING AND/OR CROSS CUTTING DEVICE IN A PACKAGING MACHINE OF THE FLOW PACKING TYPE
COUPEUSE-SOUEUSE A PLAT POUR MACHINE A EMBALLER A DEFILEMENT CONTINU
(71) **TETRA PAK HOYER A/S** [DK/DK]; Søren Nymarks Vej 13, DK-8270 Højbjerg (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HANSEN, Per, Henrik** [DK/DK]; Mallinggardsvej 69, DK-8340 Malling (DK).
(74) **K. SKÖTT-JENSEN, PATENTINGENIÖRER A/S**; Lemmingvej 225, DK-8361 Hasselager (DK).
(81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (11) **WO 98/19916** (13) A1
(21) PCT/GB97/02963
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 9623218.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
(31) 9703173.6 (32) **15 Feb/fév 1997 (15.02.1997)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65C 9/18, 9/20
(54) ROLL-FED LABELLING APPARATUS
APPAREIL D'ETIQUETAGE EN ROULEAU
(71) **CARMICHAEL (SCOTLAND) LIMITED** [GB/GB]; Pentland Industrial Estate, Loanhead, Edinburgh EH20 9QH (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GONZALO, Rick** [US/US]; 5431 South Commons Road, Turlock, CA 95380 (US).
(74) **KENNEDY & CO.**; Station House, 34 St. Enoch Square, Glasgow G1 4DF (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19917** (13) A2
(21) PCT/US97/17179
(22) **16 Sep/sep 1997 (16.09.1997)**
(25) en (26) en
(31) 08/714,556 (32) **16 Sep/sep 1996 (16.09.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D
(54) IMPROVED HAMPER APPARATUS AND METHODS
DISPOSITIF PANIER AMELIORE ET PROCEDES ASSOCIES
(71) **LaMONT LIMITED** [US/US]; 1530 N. Bluff Road, Burlington, IA 52601 (US).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **ZIGLAR, Paul, S.** [US/US]; 6268 108th Avenue, Burlington, IA 52601 (US).
(74) **TRZYNA, Peter, K.**; P.O. Box 7131, Chicago, IL 60680-7131 (US).
(81) CA CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19918** (13) A2
(21) PCT/US97/19421
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 60/030,312 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D

(54) ONE-PIECE MOLDED FLIP CAP CLOSURE FERMETURE A COUVERCLE BASCULANT MOULEE D'UNE PIECE

(71) **TETRA LAVAL HOLDINGS & FINANCE, S.A.** [CH/CH]; Avenue Général Guisan 70, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOGARD, Jens** [SE/US]; 469 Armstrong Drive, Buffalo Grove, IL 60089 (US). **LUNDH, Karl-Erik** [SE/SE]; N. Ringgatan 10, S-332 34 Gislaved (SE). **RICKARDSSON, Gote-Elof** [SE/SE]; Stavgatan 19, S-332 31 Gislaved (SE).

(74) **CATANIA, Michael, A.**; Tetra Pak - U.S., Intellectual Property Dept., 909 Asbury Drive, Buffalo Grove, IL 60089 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19919** (13) A1

(21) PCT/SK97/00011

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) PV 1437-96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) SK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 5/00

(54) VARIABLE VOLUME PACKAGE MADE FROM A BLANK EMBALLAGE A VOLUME VARIABLE FAIT A PARTIR D'UNE EBAUCHE

(71, 72) **SIMKO, Andrej** [SK/SK]; Záborského 5, 080 01 Presov (SK).

(74) **GREGA, Samuel**; Mukacevská 10, 080 01 Presov (SK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19920** (13) A1

(21) PCT/US97/19420

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 60/030,312 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 5/74, 41/50, B29C 45/03

(54) ONE-PIECE MOLDED FLIP CAP CLOSURE FERMETURE A COUVERCLE BASCULANT MOULEE D'UNE PIECE

(71) **TETRA LAVAL HOLDINGS & FINANCE, S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOGARD, Jens** [SE/US]; 469 Armstrong Drive, Buffalo Grove, IL 60089 (US).

(74) **CATANIA, Michael, A.**; Tetra Pak - US Intellectual Property Dept., 909 Asbury Drive, Buffalo Grove, IL 60089 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19921** (13) A1

(21) PCT/US96/17713

(22) **6 Nov/nov 1996 (06.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 6/18, 65/10

(54) FOLDABLE SELF-STANDING CONTAINER WITH METHOD OF MANUFACTURE AND BULK DISPENSER CONTENANT Pliable AUTOPORTEUR, PROCEDE DE FABRICATION DE CE DERNIER ET DISTRIBUTEUR EN VRAC ASSOCIE

(71, 72) **BLACK, William, S.** [US/US]; 696 East 400 South, Provo, UT 84606 (US).

(74) **KUNZLER, Brian, C.** et al. / etc.; Madson & Metcalf, 950 First Interstate Plaza, 170 South Main Street, Salt Lake City, UT 84101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19922** (13) A1

(21) PCT/US97/19380

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/742,728 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 8/04

(54) RESEALABLE THERMOFORMED CONTAINER RECIPIENT THERMOFORME RESOUDABLE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **ZAKSENBERG, Isaac**; 950 Raritan Road, Scotch Plains, NJ 07076 (US). **NEVERAS, George**; 21 Long Acre Drive, Cream Ridge, NJ 08514 (US).

(74) **McGREAL, Michael, J.**; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855-1343 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19923** (13) A1

(21) PCT/DE97/02506

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 45 448.4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(31) 197 34 739.8 (32) **11 Aug/Août 1997 (11.08.1997)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 19/00, 19/44, B25H 3/00, B22D 33/00, B22C 23/00, 19/00

(54) PALLET PALETTE

(71) **HOTTINGER MASCHINENBAU GMBH** [DE/DE]; Düsseldorf Strasse 20-28, D-68219 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PÖHLANDT, Werner** [DE/DE]; Sternallee 46, D-68723 Schwetzingen (DE). **SEIRAFFI, Mohammed, Ali** [IR/DE]; Hebelstrasse 14, D-68723 Schwetzingen (DE).

(74) **ULLRICH & NAUMANN**; Gaisbergstrasse 3, D-69115 Heidelberg (DE).

(81) BR CA JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19924** (13) A1

(21) PCT/DK97/00496

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 1226/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK

(31) 0254/97 (32) **10 Mar/mar 1997 (10.03.1997)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 19/26

(54) A PALLET PALETTE

(71) **ALU-PAL APS.** [DK/DK]; Vestskellet 8, DK-3250 Gilleleje (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREDAL, Torben** [DK/DK]; Vestskellet 8, DK-3250 Gilleleje (DK). **SYLVEST, Erik** [DK/DK]; Frederiksborgvej 65E, DK-4000 Roskilde (DK).

(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19925** (13) A1
(21) PCT/IB97/01380
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 2753/96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CH
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 23/08, 23/00
(54) CONTAINER FOR TOXIC SUBSTANCES OR SUBSTANCES TO BE HANDLED WITH CARE RECIPIENT POUR SUBSTANCES TOXIQUES OU SUBSTANCES A MANIPULER AVEC PRECAUTION
(71) 72) **SPAGNOLO, Alberto** [BE/BE]; August van Doorslaerlaan 21/2, B-1860 Meise (BE).
(74) **FIAMMENGHI-DOMENIGHETTI, Delfina**; Fiammenghi-Fiammenghi, Via San Gottardo, 15, CH-6900 Lugano (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19926** (13) A1
(21) PCT/US97/19605
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) en (26) en
(31) 9622828.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 23/10
(54) HANDLE FOR A BOTTLE POIGNEE DE BOUTEILLE
(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LE BRAS, Philippe** [FR/FR]; 13, rue de la Bièvre, F-36000 Châteauroux (FR).
(74) **BOSHINSKI, Thomas, A.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).
(81) AU BR BY CA CN CZ EE HU IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/19927** (13) A1
(21) PCT/NL97/00602
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) nl (26) en
(31) 1004420 (32) **4 Nov/nov 1996 (04.11.1996)** (33) NL
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 30/12, B65B 7/02
(54) VALVE BAG SAC A VALVE
(71) **FRANPACK BATES B.V.** [NL/NL]; Fort Willemweg 1, NL-6219 PA Maastricht (NL). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **JANSSEN, Paulus, Johannes, Maria** [NL/NL]; Palestinastraat 374, NL-6418 HX Heerlen (NL).
(74) **FERGUSON, Alexander**; Octrooibureau Vriensendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19928** (13) A1
(21) PCT/US97/19379
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 08/742,725 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 35/08
(54) INJECTION STRETCH BLOW MOLDED TUBULAR CONTAINERS RESERVOIRS TUBULAIRES MOULES PAR INJECTION-SOUFFLAGE ET ETIRAGE
(63) US 08/742,725 (CIP) 1 Nov/nov 1996 (01.11.1996)
(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BERGER, Kenneth, R.** [US/US]; 22 Leffler Hill Road, Flemington, NJ 08822 (US). **CONNAN, Patrick, A.** [FR/US]; 19 Chrystal Drive, Lebanon, NJ 08833 (US). **READDY, Robert, L.** [US/US]; 5 Divito Trail, Hopatcong, NJ 07843 (US).
(74) **McGREAL, Michael, J.**; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855-1343 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19929** (13) A1
(21) PCT/US97/19785
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/740,970 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 35/22
(54) ALIGNED WEB IN A CONTAINER BANDE CONTINUE CONSERVANT SA FORME DANS UN CONTENANT
(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(72) **MEJIA, Ramon, Armando**; 33 Baker Circle, Hillsborough, NJ 08876 (US). **CONNAN, Patrick, Andre**; 19 Chrystal Drive, Lebanon, NY 08833 (US).
(74) **McGREAL, Michael, J.**; Colgate-Palmolive Company, 909 River Road, Piscataway, NJ 08855-1343 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19930** (13) A1
(21) PCT/EP97/05387
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) de (26) de
(31) 196 45 263.5 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ B65D 41/18
(54) SOLVENT PACK WITH ASEPTICALLY SEALED SNAP COVER AND PREFORM FOR PRODUCING THIS PACK EMBALLAGE POUR SOLVANT A COUVERCLE ENLIQUETABLE ETANCHE EN TERMES D'ASEPSIE ET PREFORME UTILISEE POUR PRODUIRE CET EMBALLAGE
(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70, avenue Général Guisan, CH-1009 Pully (CH). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BERGHOLTZ, Lars** [SE/DE]; Weinbergstrasse 41, D-64342 Seeheim Jugendheim (DE).
(74) **WEBER, D.** et al. / etc.; Postfach 61 45, D-65051 Wiesbaden (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19931** (13) A1
(21) PCT/NL97/00600

(22) 3 Nov/nov 1997 (03.11.1997)

(25) nl (26) en
(31) 1004403 (32) 1 Nov/nov 1996 (01.11.1996) (33) NL

(31) 1005269 (32) 13 Feb/fév 1997 (13.02.1997) (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 43/16(54) BOX
BOITE(71) IMPRESS METAL PACKAGING B.V. [NL/NL]; Zutphenseweg 51051, NL-7418 AH Deventer (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROETERDINK, Johan, Willem [NL/NL]; Het Diekman 26, NL-7214 CC Epse (NL). RULMERMANN, Jacob [NL/NL]; Burgersveld 311, NL-7327 CG Apeldoorn (NL).

(74) SCHUMANN, Bernard, Herman, Johan; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/19932 (13) A1

(21) PCT/US97/19333

(22) 24 Oct/oct 1997 (24.10.1997)

(25) en (26) en

(31) 9622760.8 (32) 1 Nov/nov 1996 (01.11.1996) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 71/36, 71/12(54) BASKET TYPE CARRIER
PORTE-ARTICLES DU TYPE PANIER(71) THE MEAD CORPORATION [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE BRAS, Philippe [FR/FR]; 13, rue de la Bievre, F-36000 Chateauroux (FR).

(74) BOSHSKI, Thomas, A. et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

(81) AU BR BY CA CN CZ DE EE HU IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/19933 (13) A1

(21) PCT/US97/20283

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) U9602838 (32) 8 Nov/nov 1996 (08.11.1996) (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 73/00

(54) CONTAINER FOR LAMINAR ARTICLES

CONTENANT POUR ARTICLES LAMINAIRES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERICH, Francesc [ES/ES]; Avenida Pau Casals, 48, E-08450 Llinars de Valles (ES). BITOWFT, Bruce, Kevin [US/US]; 310 Compton Road, Wyoming, OH 45215 (US). HILL, Simon, David, Julian [GB/DE]; Alwinenstrasse 13, D-65189 Wiesbaden (DE).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AU CN KR US.

(11) WO 98/19934 (13) A1

(21) PCT/US97/20284

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) U 9602836 (32) 8 Nov/nov 1996 (08.11.1996) (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 73/00(54) EASY OPENING DEVICE FOR CONTAINER CLOSURES
DISPOSITIF D'OUVERTURE FACILE POUR FERMETURES DE CONTENANT(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERICH, Francesc [ES/ES]; Avenida Pau Casals, 48, E-08450 Llinars de Velles (ES). BITOWFT, Bruce, Kevin [US/US]; 310 Compton Road, Wyoming, OH 45215 (US). HILL, Simon, David, Julian [GB/DE]; Alwinenstrasse 13, D-65189 Wiesbaden (DE).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AU CN KR US.

(11) WO 98/19935 (13) A1

(21) PCT/CH97/00419

(22) 5 Nov/nov 1997 (05.11.1997)

(25) fr (26) fr

(31) 2754/96 (32) 7 Nov/nov 1996 (07.11.1996) (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 83/00(54) CONTAINER WITH INTERNAL MEMBER FOR LIFTING CONTENTS
CONTENEUR COMPRENANT UN ORGANE ELEVATEUR INTERNE DU CONTENU(71) REITZEL (SUISSE) S.A. [CH/CH]; Route d'Ollon 14-16, CH-1860 Aigle (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUGUENIN, Freddy [CH/CH]; Vy-Perroud 236, CH-2126 Les Verrières (CH).

(74) GANGUILLET, Cyril; ABREMA Agence Brevets et Marques Ganguillet & Humphrey, Avenue du Théâtre 16, Case Postale 2065, CH-1002 Lausanne (CH).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/19936 (13) A1

(21) PCT/DE97/02542

(22) 3 Nov/nov 1997 (03.11.1997)

(25) de (26) de

(31) 296 18 984.7 (32) 4 Nov/nov 1996 (04.11.1996) (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 85/10, A24F 15/18(54) CIGARETTE PACKAGE
PAQUET DE CIGARETTES

(71, 72) SCHIMMEL, Volker [DE/DE]; Grünstraße 17, D-33818 Leopoldshöhe (DE).

(74) SCHIRMER, Stegfried; Osningstrasse 10, D-33605 Bielefeld (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) WO 98/19937 (13) A1

(21) PCT/FR97/01967

(22) 3 Nov/nov 1997 (03.11.1997)

(25) fr (26) fr

(31) 96/13708 (32) 5 Nov/nov 1996 (05.11.1996) (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65D 85/76, 65/42(54) THIN SHEET FOR CHEESE PRODUCTS MADE FROM ALUMINIUM FOIL OF REDUCED THICKNESS
FEUILLE MINCE POUR PRODUITS FROMAGERS A BASE DE FEUILLE D'ALUMINIUM D'ÉPAISSEUR RÉDUITE

(71) PECHINEY EMBALLAGE FLEXIBLE EUROPE [FR/FR]; 16, boulevard du Général Leclerc, F-92115 Clichy (FR).

(72) PIERRARD, Stéphane; 14, rue Lachmann, F-38000 Grenoble (FR).

(74) PIGASSE, Daniel; Pechiney, 28, rue de Bonnel, F-69433 Lyon Cedex 03 (FR).

(81) PL TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) WO 98/19938 (13) A2

(21) PCT/US97/19938

(22) 6 Nov/nov 1997 (06.11.1997)

(25) en (26) en

(31) 08/745,787 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65G 35/06, B23Q 7/00, H05K 13/00

- (54) CONVEYOR SYSTEM WITH LIFTING MECHANISM
SYSTEME TRANSPORTEUR DOTE D'UN MECANISME DE LEVAGE
- (71) CAMELOT SYSTEMS, INC. [US/US]; 145 Ward Hill Avenue, Haverhill, MA 01835 (US).
- (72) PURCELL, Thomas; 25 Moody Street, Haverhill, MA 01830 (US).
- (74) DIENER, Michael, A. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) WO 98/19939 (13) A1
- (21) PCT/US97/19821
- (22) 30 Oct/oct 1997 (30.10.1997)
- (25) en (26) en
- (31) 08/742,310 (32) 1 Nov/nov 1996 (01.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 1/02
- (54) TWO-WAY HIGH SPEED STORAGE SYSTEM
SYSTEME D'ENTREPOSAGE RAPIDE BIDIRECTIONNEL
- (71, 72) LICHTI, Robert, D. [US/US]; 289 Main Street, Chester, CA 96020 (US).
- (74) JAGGER, Bruce, A.; Brunton & Jagger, P.O. Box 29000, Glendale, CA 91209-9000 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) WO 98/19940 (13) A1
- (21) PCT/AT97/00216
- (22) 13 Oct/oct 1997 (13.10.1997)
- (25) de (26) de
- (31) A 1929/96 (32) 6 Nov/nov 1996 (06.11.1996) (33) AT
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 1/06, B61B 9/00
- (54) VEHICLE, IN PARTICULAR FOR IN-HOUSE TRANSPORT SYSTEMS
VEHICULE, NOTAMMENT POUR SYSTEMES INTERNES DE TRANSPORT
- (71) LAGERTECHNIK GESELLSCHAFT MBH [AT/AT]; Achstrasse 53, A-6961 Wolfurt (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MALIN, Peter [AT/AT]; Nelkenstrasse 10, A-6922 Wolfurt (AT).
- (74) TORGLER, Paul et al. / etc.; Wilhelm-Greilstrasse 16, A-6020 Innsbruck (AT).
- (81) AU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 98/19941 (13) A2
- (21) PCT/CH97/00384
- (22) 10 Oct/oct 1997 (10.10.1997)
- (25) de (26) de
- (31) 2704/96 (32) 1 Nov/nov 1996 (01.11.1996) (33) CH
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 1/06
- (54) CONVEYOR FOR CHANNELS BETWEEN STORAGE RACKS
DISPOSITIF DE TRANSPORT POUR CANAUX MENAGES ENTRE DES RAYONNAGES D'ENTREPOSAGE
- (71) GILGEN FÖRDERSYSTEME AG [CH/CH]; Wängentalstrasse 252, CH-3173 Oberwangen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HALDIMANN, Hans-Rudolf [CH/CH]; Via Bossi 17, CH-6900 Lugano (CH).
- (74) ROTTMANN, ZIMMERMANN + PARTNER AG; Glattalstrasse 37, CH-8052 Zürich (CH).
- (81) DE US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 98/19942 (13) A1
- (21) PCT/FR97/01968
- (22) 4 Nov/nov 1997 (04.11.1997)
- (25) fr (26) fr
- (31) 96/13824 (32) 4 Nov/nov 1996 (04.11.1996) (33) FR
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 17/38
- (54) TRANSFER DEVICE
DISPOSITIF DE TRANSFERT
- (71) SIDEL [FR/FR]; Avenue de la Patrouille de France, F-76930 Octeville sur Mer (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CORNET, Maurice [FR/FR]; 5, rue Clément Ader, F-03100 Montluçon (FR). GUIFANT, Alain [FR/FR]; 17, rue Chevalier, F-76600 Le Havre (FR).
- (74) GORREE, Jean-Michel et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AU BR CA CN JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 98/19943 (13) A1
- (21) PCT/SE97/01031
- (22) 12 Jun/juin 1997 (12.06.1997)
- (25) sv (26) en
- (31) 9604019-1 (32) 1 Nov/nov 1996 (01.11.1996) (33) SE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 23/44 // 23/00
- (54) A DEVICE FOR STEERING A CONVEYOR BELT
DISPOSITIF DE DIRECTION POUR BANDE DE CONVOYEUR
- (71) SVEDALA TRELLEX AB [SE/SE]; P.O. Box 74, S-231 21 Trelleborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MALMBERG, Mats, Anders [SE/SE]; Kasalagatan 8, S-231 63 Trelleborg (SE).
- (74) AWAPATENT AB; P.O. Box 5117, S-200 71 Malmö (SE).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) WO 98/19944 (13) A1
- (21) PCT/US97/20041
- (22) 3 Nov/nov 1997 (03.11.1997)
- (25) en (26) en
- (31) 60/030,320 (32) 4 Nov/nov 1996 (04.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 25/00
- (54) HOPPERS WITH APPLIED MOTION TO PROMOTE FLOW
TREMIES A MOUVEMENT APPLIQUE DESTINE A FAVORISER L'ECOULEMENT DE MATIERES SOLIDES
- (71, 72) JOHANSON, Jerry, R. [US/US]; 1237 Archer Street, San Luis Obispo, CA 93401 (US).
- (74) McKOWN, Daniel, C.; 355 Fairview Avenue, Morro Bay, CA 93442 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) WO 98/19945 (13) A2
- (21) PCT/EP97/06200
- (22) 7 Nov/nov 1997 (07.11.1997)
- (25) de (26) de
- (31) 60/029,889 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ B65G 47/14
- (54) TABLET TESTING DEVICE
APPAREIL A CONTROLER LES COMPRIMES
- (71) DR. SCHLEUNIGER PHARMATRON AG [CH/CH]; Schöngrünstrasse 27, CH-4501 Solothurn (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRACHER, Martin** [CH/CH]; Schöngrünstrasse 27, CH-4501 Solothurn (CH).

(74) **ROSENICH, Paul**; Patentbüro Büchel & Partner AG, Letzianaweg 25-27, FL-9495 Triesen (LI).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19946** (13) A1

(21) PCT/US97/20282

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) U 9602837 (32) **8 Nov/nov 1996 (08.11.1996)** (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 1/00

(54) DEVICE FOR ONE BY ONE REMOVAL OF LAMINAR ARTICLES FROM INSIDE A CONTAINER DISPOSITIF PERMETTANT LE RETRAIT UN PAR UN D'ARTICLES LAMINAIRES DE L'INTERIEUR D'UN CONTENANT

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERICH, Francesc** [ES/ES]; Avenida Pau Casals, 48, E-08450 Llinars de Valles (ES).
BITOWFT, Bruce, Kevin [US/US]; 310 Compton Road, Wyoming, OH 45215 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AU CN KR US.

(11) **WO 98/19947** (13) A1

(21) PCT/CH97/00413

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) de (26) de

(31) 2740/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 5/12, 5/32

(54) DEVICE FOR DEPOSITING PRINTED SHEETS ON A GUIDE DISPOSITIF POUR POSER DES FEUILLES IMPRIMEES SUR UN GUIDE

(71) **GRAPH-HOLDING AG** [CH/CH]; Seestrasse 41, CH-6052 Hergiswil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERKLI, Peter** [CH/CH]; Langernweg 8, CH-4665 Oftringen (CH).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19948** (13) A1

(21) PCT/DK97/00499

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) da (26) en

(31) 1220/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 23/188, 77/00

(54) A METHOD AND A SYSTEM FOR CONTROLLING TENSION OF PAPER AND FOIL WEBS PROCEDE ET SYSTEME DESTINES A REGULER LA TENSION DES BANDES DE PAPIER ET DE FEUILLES

(71) **TETRA PAK HOYER A/S** [DK/DK]; Søren Nymarks Vej 13, DK-8270 Højbjerg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PER, Henrik, Hansen** [DK/DK]; Mallinggårdsvej 69, DK-8340 Malling (DK).

(74) **K. SKÖTT-JENSEN, PATENTINGENIÖRER A/S**; Lemmingvej 225, DK-8361 Hasselager (DK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19949** (13) A1

(21) PCT/FI97/00663

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) fi (26) en

(31) U960546 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 27/00

(54) TAKE-OUT LEADING ROLL, SPREADER ROLL, OR EQUIVALENT FOR A WEB-LIKE MATERIAL ROULEAU GUIDE DEBITEUR, ROULEAU DEPLISSEUR OU EQUIVALENT, POUR UN MATERIAU SOUS FORME DE BANDE

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARVONEN, Lassi** [FI/FI]; Tupalantie 17 C2, FIN-04400 Järvenpää (FI).
KOIVUKUNNAS, Pekka [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19950** (13) A1

(21) PCT/US97/19528

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,772 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 39/02, 29/04

(54) GRIPPER-ACCUMULATOR PREHENSEUR/ACCUMULATEUR

(71) **TIME INC.** [US/US]; 1271 Avenue of the Americas, New York, NY 10036 (US).

(72) **FLANNERY, James, W., Jr.**; 65 High Ridge Road #367, Stamford, CT 06905 (US).

(74) **ROGERS, Laurence, S.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19951** (13) A1

(21) PCT/US97/17697

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/740,827 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 45/22, A47K 10/42

(54) DISPENSABLE FOLDED WEB PRODUCT VOILE DE FIBRES CONTINU PLIE POUR DISTRIBUTEUR

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **CHAN, Michael, Yuwah**; 10435 Stanyan Street, Alpharetta, GA 30202 (US).

(74) **SIDOR, Karl, V.** et al. / etc.; Kimberly-Clark Worldwide Inc., 401 North Lake Street, Neenah, WI 54956 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19952** (13) A1

(21) PCT/EP97/06009

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) de (26) de

(31) 196 45 938.9 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 59/38

(54) METHOD AND DEVICE FOR WINDING A THREAD RUNNING AT A CONSTANT SPEED

PROCEDE ET DISPOSITIF DE BOBINAGE D'UN FIL ARRIVANT A UNE VITESSE CONSTANTE

(71) **BARMAG SPINNZWIRN GMBH** [DE/DE]; Zwickauer Strasse 247, D-09116 Chemnitz (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAUSSE, Eberhard** [DE/DE]; Dr.-Salvador-Allende-Strasse 214, D-09119 Chemnitz (DE). **MEINEL, Joachim** [DE/DE]; Zeisigwaldstrasse 18, D-09130 Chemnitz (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle, Pagenberg, Dost, Altenburg, Frohwitter, Geissler, Xantener Strasse 12, D-40474 Düsseldorf (DE).

(81) CN CZ JP KR PL RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/19953** (13) A1

(21) PCT/SE97/01834

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) sv (26) en

(31) 9604038-1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B65H 75/22

(54) SPOOL MADE OF PLASTICS
BOBINE EN PLASTIQUE

(71) **FLÅREN AB** [SE/SE]; Box 2004, S-441 02 Värnamo (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÖGLIND, Inga-Lill** [SE/SE]; Lergården, S-330 15 Bor (SE). **SVENSSON, Ingvar** [SE/SE]; Ture Sällbergsg 14b, S-331 32 Värnamo (SE).

(74) **AWAPATENT AB**; P.O. Box 11394, S-404 28 Göteborg (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19954** (13) A1

(21) PCT/US97/19508

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/742,653 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B66B 9/06, B66C 23/00

(54) PEOPLE MOVER SYSTEM
SYSTEME DE TRANSFERT DE PERSONNES

(71, 72) **KUNCZYNSKI, Jan, K.** [US/US]; 1862 Jan Drive, Glenbrook, NV 89413 (US).

(74) **CHICKERING, Robert, B.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19955** (13) A1

(21) PCT/AU97/00483

(22) **31 Jul/juil 1997 (31.07.1997)**

(25) en (26) en

(31) PO 3465 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AU

(31) PO 5099 (32) **13 Feb/fév 1997 (13.02.1997)** (33) AU

(31) PO 6154 (32) **11 Apr/avr 1997 (11.04.1997)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B66F 3/12, 3/22, B25F 1/00

(54) PORTABLE LIFTING DEVICE AND MULTIFUNCTIONAL TOOL
DISPOSITIF DE LEVAGE PORTABLE ET OUTIL MULTIFONCTIONS

(71) **REOM INDUSTRIES (AUST.) PTY. LTD.** [AU/AU]; 157 Herald Street, Cheltenham, Melbourne, VIC 3192 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SMITH, Reginald, George** [AU/AU]; 33A Koornalla Crescent, Mt Eliza, VIC 3930 (AU). **McGLASHAN, Stanley** [GB/AU]; 27 Olive Grove, Tecoma, VIC 3160 (AU). **MILLS, Mark, John** [AU/AU]; 16 Lance Close, Aspendale Gardens, VIC 3195 (AU). **LEBNER, Stephen, John** [AU/AU]; 8 Sommers Drive, Altona Meadows, VIC 3028 (AU). **FRASER, David, Lesmond** [AU/AU]; 16 Jocelyn Avenue, Research, VIC 3095 (AU).

(74) **HIND, Raymond, Stenton** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19956** (13) A1

(21) PCT/SE97/01831

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9604002-7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B67B 5/00, B65B 7/28

(54) A METHOD AND AN APPARATUS FOR APPLYING A COVERING LAYER OVER A POURING OPENING
PROCEDE ET DISPOSITIF POUR APPLIQUER UN OPERCULE SUR UNE OUVERTURE DE VERSEMENT

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Christer** [SE/SE]; Lilla Lindhult 3:3, S-270 12 Rydsgård (SE).

(74) **BENTZ, Christer**; AB Tetra Pak, Ruben Rausing's gata, S-221 86 Lund (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19957** (13) A1

(21) PCT/US97/20042

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,321 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B67D 5/06

(54) ARCHBREAKING HOPPER FOR BULK SOLIDS
TREMIE ELIMINANT LE VOUTAGE, POUR MATIERES SOLIDES EN VRAC

(71, 72) **JOHANSON, Jerry, R.** [US/US]; 1237 Archer Street, San Luis Obispo, CA 93401 (US).

(74) **MCKOWN, Daniel C.**; 355 Fairview Avenue, Morro Bay, CA 93442 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19958** (13) A1

(21) PCT/US97/19903

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,273 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B67D 5/56

(54) BEVERAGE DISPENSER WITH SYRUP CONCENTRATE CONTAINER
DISTRIBUTEUR DE BOISSONS A RESERVOIR A CONCENTRE DE SIROP

(71) **GRINDMASTER CORPORATION** [US/US]; 4003 Collins Lane, Louisville, KY 40245 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STRUMINSKI, Krzysztof** [PL/US]; 11602 Summer Glen Way, Louisville, KY 40299 (US). **FISHER, Charles, M.** [US/US]; 1509 Edgewood Place, Louisville, KY 40205 (US).

(74) **SMITH, Vance, A.**; Wheat, Camoriano, Smith & Beres, PLC, 8225 Shelbyville Road, Louisville, KY 40222 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19959** (13) A1

(21) PCT/US97/20013

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,335 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ B68C 1/02

(54) PERFORMANCE SADDLE
SELLE HAUTE PERFORMANCE

(71, 72) **COFFIN, Edmund** [US/US]; R.R. 1, Box 14M, Ruckersville, VA 22968 (US).

(74) **PARKER, Sheldon, H.**; Suite 300, 300 Preston Avenue, Charlottesville, VA 22902-5044 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19960** (13) A1

(21) PCT/JP97/04055

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/312999 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 3/34, 3/50, B60L 11/18

(54) HYDROGEN MANUFACTURING AND SUPPLYING APPARATUS AND ELECTRIC MOTORCAR
APPAREIL DE FABRICATION D'HYDROGENE ET D'ALIMENTATION EN HYDROGENE ET VOITURE ELECTRIQUE

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP).
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(72, 75) **OGINO, Shigeru** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP).

(74) **IGARASHI, Takao**; Chuo Fushimi Building 3rd floor, 3-2, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19961** (13) A2

(21) PCT/DE97/02546

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 296 19 040.3 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(31) 296 19 922.2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 13/11

(54) DEVICES AND METHODS FOR PRODUCING AND USING OZONE
DISPOSITIFS ET PROCEDE DE PRODUCTION ET UTILISATION D'OZONE

(71) **EHMER, Karin** [DE/DE]; Echtergrund 19, D-30657 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEKE, Rainer, W.** [DE/DE]; Echtergrund 19, D-30657 Hannover (DE).

(74) **LINDNER, Manfred, K.**; Gottfried-Böhm-Ring 25, D-81369 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19962** (13) A1

(21) PCT/IB97/01208

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 96203077.1 (32) **5 Nov/nov 1996 (05.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 13/11, H01T 19/00

(54) HIGH-VOLTAGE GENERATOR WITH VOLTAGE CONTROL ON THE BASIS OF THE DISCHARGE CURRENT
GENERATEUR DE HAUTE TENSION A REGULATION DE TENSION BASE SUR LE COURANT DE DECHARGE

(71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **HOOGENDIJK, Gerardus, Nicolaas, Anna**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BAKKER, Hendrik**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19963** (13) A1

(21) PCT/US97/22420

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,422 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/910,160 (32) **12 Aug/Août 1997 (12.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 17/20, 19/00, 19/04, C01G 9/02, 9/08

(54) SYNTHESIS OF METAL CHALCOGENIDE QUANTUM DOTS FROM AQUEOUS MEDIA
SYNTHESE DE POINTS DE QUANTUM DE CHALCOGENURE METALLIQUE A PARTIR DE MILIEUX AQUEUX

(71) **SPECTRA SCIENCE CORPORATION** [US/US]; 155 South Main Street, Providence, RI 02903 (US).

(72) **LAWANDY, Nabil, M.**; 169 Eastwick Avenue, North Kingstown, RI 02852 (US). **ZEPP, Charles, M.**; 940 North Road, Hardwick, MA 01037 (US). **ROSSI, Richard, F.**; 272 Reservoir Street, Norton, MA 02766 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) en (26) en

(31) 60/030,131 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 21/064, 21/06, 21/072

(54) METHOD FOR THE SYNTHESIS OF GROUP III NITRIDE CRYSTALS
PROCEDE DE SYNTHESE DE CRISTAUX DE NITRURE DE GROUPE III

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106 (US).
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(72, 75) **ANGUS, John, C.** [US/US]; 2716 Colchester Road, Cleveland Heights, OH 44106 (US). **ARGOITIA, Alberto** [US/US]; 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397 (US). **HAYMAN, Cliff, C.** [US/US]; 7140 North Nightingale Place, Painesville, OH 44077 (US).

(74) **MINNICH, Richard, J.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20917

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,188 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01B 35/00, C22C 19/00, 27/04, 38/00, H05H 1/46

(54) MICROWAVE PLASMA CHEMICAL SYNTHESIS OF ULTRAFINE POWDERS
SYNTHÈSE CHIMIQUE PAR PLASMA HYPER-FREQUENCE DE POUDRES ULTRAFINES

(71) **MATERIALS MODIFICATION, INC.** [US/US]; 2929-P1 Eskridge Road, Fairfax, VA 22031 (US).
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(72, 75) **SETHURAM, Krupashankara, M.** [IN/US]; 1005 Ellison Street, Falls Church, VA 22046 (US).
KALYANARAMAN, Raja [IN/US]; 3737 Prosperity Avenue, Fairfax, VA 22031 (US).

(74) **GARRETT, Arthur S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19966** (13) A1

(21) PCT/EP97/05994

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(31) 196 45 315.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01D 15/04

(54) METHOD OF SEPARATING NaCl FROM A LiCl SOLUTION
PROCEDE DE SEPARATION DE NaCl D'UNE SOLUTION DE LiCl

(71) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT** [DE/DE]; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE).
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(72, 75) **DEBERITZ, Jürgen** [DE/DE]; Königswarterstrasse 5, D-60385 Frankfurt am Main (DE). **KÖBELE, Klaus** [DE/DE]; Tannensstrasse 8, D-63128 Dietzenbach (DE). **SCHADE, Klaus** [DE/DE]; Wallauer Weg 12 G, D-65205 Wiesbaden-Nordenstadt (DE).

(74) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT**; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE).

(81) BR DE GB JP RU US.

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(11) **WO 98/19967** (13) A1

(21) PCT/FR97/01966

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(25) fr (26) fr

(31) 96/13622 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01F 7/44

(54) MANUFACTURE OF CALCINED ALUMINA WITH CRYSTALLITE SIZE ADJUSTED ON REQUEST WITH LOW DISPERSION
FABRICATION D'ALUMINE CALCINÉE A TAILLE DE CRISTALLITE RÉGLÉE A LA DEMANDE AVEC UNE FAIBLE DISPERSION

(71) **ALUMINIUM PECHINEY** [FR/FR]; Immeuble Balzac, 10, place des Vosges, La Défense 5, F-92400 Courbevoie (FR).

(72) **DEVILLE, Jean**; 6, rue du Puits Vieux, Parc La Raymonde, F-13090 Aix en Provence (FR).
LAMÉRANT, Jean-Michel; Mas de l'Escaillon, D 60, F-13320 Bouc Bel Air (FR).

(74) **PECHINEY**; 28, rue de Bonnel, F-69433 Lyon Cedex 03 (FR).

(81) AU CA HU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19968** (13) A1

(21) PCT/US96/16076

(22) **1 Nov/nov 1996 (01.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C01G 45/12

(54) METHOD OF PREPARING Li_{1-x}Mn_{2-x}O₄ FOR USE AS SECONDARY BATTERY ELECTRODE
PROCEDE DE PREPARATION D'UN COMPOSE DE Li_{1-x}Mn_{2-x}O₄, DESTINE A SERVIR D'ELECTRODE POUR UN ACCUMULATEUR ELECTRIQUE

(71) **KERR-McGEE CHEMICAL CORPORATION** [US/US]; 123 Robert S. Kerr, Oklahoma City, OK 73125 (US).

(72) **SHEARGOLD, Stephen, W.**; 1019 Northbrook Avenue, Edmond, OK 73034 (US). **ANDERSEN, Terrell, N.**; 500 Concord Lane, Edmond, OK 73003 (US).

(74) **HANEGAN, Herbert, M.**; 3100 Promenade II, 1230 Peachtree Street, N.E., Atlanta, GA 30309-3592 (US).

(81) AU BR CA JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/19969** (13) A2

(21) PCT/EP97/06034

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(31) 196 45 311.9 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C02F 3/00

(54) METHOD OF PHASED BIOLOGICAL TREATMENT OF RAW UNTREATED SEWAGE IN A BIOFILTER
PROCEDE DE TRAITEMENT BIOLOGIQUE PAR CHARGES D'EAU D'EGOUTS BRUTES DANS UN BIOFILTRE

(71) **HANS HUBER GMBH MASCHINEN- UND ANLAGENBAU** [DE/DE]; Mariahilfstrasse 3-5, D-92334 Berching (DE).
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(72, 75) **WILDERER, Peter** [DE/DE]; Moosweg 5, D-83727 Schliersee (DE). **NERGER, Christian** [DE/DE]; Rathausplatz 8, D-85748 Garching (DE).

(74) **REHBERG + HÜPPE**; Am Kirschberge 22, D-37085 Göttingen (DE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19970** (13) A1

(21) PCT/FR97/02014

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13838 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C02F 3/12

(54) METHOD FOR FIGHTING AGAINST THE PRESENCE OF SCUM IN PLANTS FOR THE TREATMENT OF EFFLUENTS BY ACTIVATED SLUDGE AND PLANT FOR IMPLEMENTING SUCH A METHOD
PROCEDE POUR LUTTER CONTRE LES MOUSSES APPARAISSANT DANS LES INSTALLATIONS DE TRAITEMENT DES EFFLUENTS PAR BOUES ACTIVEES ET INSTALLATION POUR LA MISE EN OEUVRE D'UN TEL PROCEDE

(71) **OTV OMNIV DE TRAITEMENTS ET DE VALORISATION** [FR/FR]; L'Aquarène, 1, place Montgolfier, F-94417 Saint-Maurice Cedex (FR).
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(72, 75) **JOUAFFRE, Pascal** [FR/FR]; 7, rue de la Friche, Le Londe, F-27700 Heuqueville (FR). **BOISSONNADE, Geneviève** [FR/FR]; 2, rue Audubon, F-75012 Paris (FR).

(74) **VIDON, Patrice**; Cabinet Patrice Vidon, Immeuble Germanium, 80, avenue des Buttes de Coësmes, F-35700 Rennes (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19971** (13) A1

(21) PCT/NL97/00592

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 1004455 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C02F 3/30, 3/28, 3/12, 3/20, 1/24

(54) APPARATUS FOR THE BIOLOGICAL PURIFICATION OF WASTE WATER
APPAREIL DE PURIFICATION BIOLOGIQUE D'EAU RESIDUELLE

(71) **PAQUES B.V.** [NL/NL]; T. de Boerstraat 24, P.O. Box 52, NL-8560 AB Balk (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HABETS, Leonard, Hubertus, Alphonsus** [NL/NL]; Bordine 36, NL-8604 AD Sneek (NL). **ENGELAAR, Antonius, Johannes, Hendrikus,**

- Hyalanthus** [NL/NL]; Fearn 5, NL-8603 DT Sneek (NL). **VELLINGA, Sjoerd, Hubertus, Jozef** [NL/NL]; Pastoriestingel 9, NL-8458 CP Tjalleberd (NL).
- (74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19972** (13) A1

(21) PCT/KR97/00216

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 1996/52577 (32) **7 Nov/nov 1996 (07.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C02F 11/12

(54) METHOD AND DEVICE FOR TREATING ORGANIC OR INORGANIC SLUDGE THROUGH MULTI-STAGE DRYING PROCESS
PROCEDE ET DISPOSITIF SERVANT A TRAITER DES BOUES ORGANIQUES OU INORGANIQUES PAR L'INTERMEDIAIRE D'UN PROCESSUS DE SECHAGE A ETAGES MULTIPLE

(71, 72) **KIM, Hak, Jae** [KR/KR]; Hyundai Apartment 62-1106, Apkujung-dong, Kangnam-gu, Seoul 135-110 (KR).

(74) **PARK, Gil, Eem**; Alpha International Patent & Law Office, #401 New Seoul Building, 828-8, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) DE JP NO SG US.

(11) **WO 98/19973** (13) A2

(21) PCT/US97/18874

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/746,044 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C03B 37/10, C03C 6/02

(54) SYSTEMS AND PROCESS FOR RECYCLING GLASS FIBER WASTE MATERIAL INTO GLASS FIBER PRODUCT
SYSTEMES ET PROCEDE DE RECYCLAGE DE DECHETS DE FIBRES DE VERRE DANS UN PRODUIT EN FIBRE DE VERRE

(71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).

(72) **HANVEY, Curtis, L., Jr.**; 325 North Main Street, Boiling Springs, NC 28017 (US).

(74) **PINGITORE, Linda**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19974** (13) A1

(21) PCT/US97/20172

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/743,058 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C03C 3/068, 3/155, 3/253

(54) OPTICAL GLASS
VERRE OPTIQUE

(71) **BAY GLASS RESEARCH** [US/US]; Suite 35, 2547 8th Street, Berkeley, CA 94710 (US).

(72) **McPHERSON, Donald, M.**; 6018 Colby Street, Oakland, CA 94618 (US). **MURRAY, Steven, C.**; 208 Dickens Way, Santa Cruz, CA 95064 (US).

(74) **CASERZA, Steven, F.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/19975** (13) A1

(21) PCT/JP97/03991

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/292511 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(31) 8/304775 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C03C 17/38, 17/42, A01G 9/14

(54) LAMINATED GLASS FOR GREENHOUSE
VERRE STRATIFIEE POUR SERRES

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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(72, 75) **NISHIYAMA, Masanori** [JP/JP]; Teijin Limited, Sagami-hara Research Center, 37-19, Oyama 3-chome, Sagami-hara-shi, Kanagawa 229 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160 (JP).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/19976** (13) A1

(21) PCT/NO97/00286

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) no (26) en

(31) 964691 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NO

(31) 970379 (32) **29 Jan/jan 1997 (29.01.1997)** (33) NO

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C04B 14/24

(54) A CEMENT SLURRY AND A METHOD FOR THE PRODUCTION OF SUCH A CEMENT SLURRY, AS WELL AS A USE FOR A LIGHT WEIGHT FILLING MATERIAL AS AN ADDITIVE IN A CEMENT SLURRY
LAIT DE CIMENT ET SON PROCEDE DE PREPARATION ET SON UTILISATION COMME CHARGE LEGERE ADDITIONNELLE

(71) **VEBA AS** [NO/NO]; Postboks 1092, Lura, N-4301 Sandnes (NO). **DENNERT PORAVER GMBH** [DE/DE]; Veit-Dennert-Strasse 7, D-96130 Schlüsselfeld (DE).

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(72, 75) **JAMTH, John** [NO/NO]; Skreddarvegen 5C, N-4360 Varhaug (NO).

(74) **HÅMSØ, Borge** et al. / etc.; Håmsø Patentbyrå Ans, P.O. Box 171, N-4301 Sandnes (NO).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/19977** (13) A1

(21) PCT/US97/20019

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,163 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C04B 35/52

(54) CERAMIC MORTAR RESISTANT TO CORRO-SIVE AGENTS
MORTIER CERAMIQUE RESISTANT AUX AGENTS CORROSIFS

(63) US 08/743,163 (CIP)
4 Nov/nov 1996 (04.11.1996)

(71) **RUTGERS, THE STATE UNIVERSITY** [US/US]; Old Queens, Somerset Street, New Brunswick, NJ 08903 (US). **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **RIMAN, Richard, E.** [US/US]; 10 Monroe Avenue, Belle Mead, NJ 08502 (US). **EAMSIRI, Jakinee** [TH/TH]; 115/11 Soi Phisit, Tivanon Road, Muang, Nonthaburi 11000 (TH). **MIKESKA, Kurt, Richard** [US/US]; 3407 Pebble Beach Drive, Wilmington, DE 19808 (US). **HAN, Yong** [KR/KR]; Apartment #1103, 6-dong, Samick Apartment, 1312, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(74) **BUTCH, Peter, J., III** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/19978** (13) A1
(21) PCT/GB97/02952
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 9622784.8 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB
(31) 9715846.3 (32) **28 Jul/juil 1997 (28.07.1997)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07B 43/02, C07C 201/08, 205/38, 205/59, 303/40
(54) NITRATION PROCESS
PROCEDE DE NITRATION
(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BROWN, Stephen, Martin** [GB/GB]; Zeneca Huddersfield Works, P.O. Box A38, Leeds Road, Huddersfield, West Yorkshire HD2 1FF (GB). **MUXWORTHY, James, Peter** [GB/GB]; Zeneca Huddersfield Works, P.O. Box A38, Leeds Road, Huddersfield, West Yorkshire HD2 1FF (GB). **LENNON, Martin** [GB/GB]; Zeneca Huddersfield Works, P.O. Box A38, Leeds Road, Huddersfield, West Yorkshire HD2 1FF (GB). **ATHERTON, John, Heathcote** [GB/GB]; Zeneca Huddersfield Works, P.O. Box A38, Leeds Road, Huddersfield, West Yorkshire HD2 1FF (GB). **PREISTLEY, Ian, Jeffrey, Grassham** [GB/GB]; Zeneca Specialties, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
(74) **WATERMAN, John, Richard** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19979** (13) A1
(21) PCT/US97/19722
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/744,032 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 1/04, C10G 2/00
(54) GAS CONVERSION PROCESS USING A CHAIN-LIMITING REACTOR
PROCEDE DE CONVERSION DE GAZ UTILISANT UN REACTEUR LIMITANT LA FORMATION DE COMPOSES A CHAINES LONGUES
(71) **SYNTROLEUM CORPORATION** [US/US]; Suite 1000, 400 South Boston, Tulsa, OK 74103 (US).
(72) **BEER, Gary, L.**; 3301 Jomar Drive, Plano, TX 75075 (US).
(74) **FELGER, Thomas, R.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19980** (13) A1
(21) PCT/US97/18349
(22) **6 Oct/oct 1997 (06.10.1997)**
(25) en (26) en
(31) 08/743,696 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(31) 08/910,128 (32) **13 Aug/Août 1997 (13.08.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 7/20, C08K 5/04
(54) A METHOD FOR PREVENTING OR RETARDING THE FORMATION OF GAS HYDRATES
PROCEDE VISANT A EMPECHER OU A RETARDER LA FORMATION D'HYDRATES DE GAZ
(71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).
(72) **COHEN, Jeffrey, M.**; 13-48 Sunnyside Drive, Fairlawn, NJ 07410 (US). **WOLF, Philip, F.**; 401 Jaguar Lane, Bridgewater, NJ 08807 (US). **YOUNG, William, D.**; 144 Stevens Avenue, Cedar Grove, NJ 07009 (US).
(74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, Legal Dept., Building 10, 1361 Alps Road, Wayne, NJ 07470 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19981** (13) A1
(21) PCT/US97/19737
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 60/030,150 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 60/038,659 (32) **21 Feb/fév 1997 (21.02.1997)** (33) US
(31) 08/959,898 (32) **29 Oct/oct 1997 (29.10.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 17/20, 19/08
(54) MANUFACTURE OF HEXAFLUOROETHANE
FABRICATION D'HEXAFLUOROETHANE
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) **MAHLER, Barry, Asher**; 104 Carter Way, Glen Mills, PA 19342 (US).
-
- (74) **SHIPLEY, James, E.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) CN JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19982** (13) A1
(21) PCT/US97/19745
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 60/030,148 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 08/959,869 (32) **29 Oct/oct 1997 (29.10.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 17/386, 19/08
(54) PROCESS FOR THE PURIFICATION OF 1,1-DIFLUOROETHANE
PROCEDE DE PURIFICATION DE 1,1-DIFLUOROETHANE
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) **MILLER, Ralph, Newton**; 39 Hillstream Road, Newark, DE 19711 (US). **MAHLER, Barry, Asher**; 104 Carter Way, Glen Mills, PA 19342 (US).
(74) **SHIPLEY, James, E.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) CN JP RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19983** (13) A1
(21) PCT/US97/11757
(22) **3 Jul/juil 1997 (03.07.1997)**
(25) en (26) en
(31) 60/030,636 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,939 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,905 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,903 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,959 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,940 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,937 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,956 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,958 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/029,938 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 08/878,094 (32) **18 Jun/juin 1997 (18.06.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 29/48, 31/20, 45/51

(54) FUNCTIONALIZATION OF HYDROCARBYL-CONTAINING COMPOUNDS
FONCTIONNALISATION DE COMPOSES CONTENANT DE L'HYDROCARBYLE

(71) UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) COOK, Gerald, Kenneth; 802 Scenic Drive, Charleston, WA 25311 (US). BRIGG, John, Robert; 1522 Bedford Road, Charleston, WV 25314 (US). MINAHAN, David, Michael, Anthony; 5416 Tiffany Drive, Cross Lanes, WV 25313 (US).

(74) WIGGINS, Karen, Johnson; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) AU BB BG BR CA CN CZ GE HU IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/19984 (13) A1

(21) PCT/NL97/00595

(22) 30 Oct/oct 1997 (30.10.1997)

(25) en (26) en

(31) 96203070.6 (32) 4 Nov/nov 1996 (04.11.1996) (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 45/50, 67/347, 51/373, 253/30, 255/17, C07F 9/145, B01J 31/18, 31/24

(54) PROCESS FOR THE PREPARATION OF AN ALDEHYDE
PROCEDE DE PREPARATION D'UN ALDEHYDE

(71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GELLING, Onko, Jan [NL/NL]; Maaslaan 62, NL-6163 KL Geleen (NL). BORMAN, Peter, Cornelis [NL/NL]; Kompelstraat 30, NL-6163 LE Geleen (NL). VAN LEEUWEN, Petrus, Wilhelmus, Nicolaas, Maria [NL/NL]; Roerdomp 45, NL-3628 CA Kockengen (NL).

(74) CRAMWINCKEL, Michiel; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/19985 (13) A1

(21) PCT/US97/19902

(22) 3 Nov/nov 1997 (03.11.1997)

(25) en (26) en

(31) 08/745,238 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 45/50, 67/347, 47/02, 69/716, B01J 31/18

(54) PROCESS TO PREPARE A LINEAR ALDEHYDE
PROCEDE D'ELABORATION D'UN ALDEHYDE LINEAIRE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) BREIKSS, Anne, Irisa; 16 Cinnamon Drive, Hockessin, DE 19707 (US). BURKE, Patrick, M.; 4613 Talley Hill Lane, Wilmington, DE 19803 (US). GARNER, James, Michael; Apartment #3, 815 N. Jackson Street, Wilmington, DE 19806 (US). TAM, Wilson; 3781 Brookcroft Lane, Boothwyn, PA 19061 (US).

(74) TULLOCH, Rebecca, W.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/19986 (13) A1

(21) PCT/US97/20127

(22) 4 Nov/nov 1997 (04.11.1997)

(25) en (26) en

(31) 08/747,441 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 51/00, 59/185, C07D 307/06, 307/50, C07C 67/08, 69/716

(54) A METHOD FOR THE PRODUCTION OF LEVULINIC ACID AND ITS DERIVATIVES
TECHNIQUE DE PRODUCTION D'ACIDE LEVULINIQUE ET DE SES DERIVES

(71) ARKENOL, INC. [US/US]; Suite 400, 27401 Los Altos, Mission Viejo, CA 92691 (US).

(72) FARONE, William, A.; 14112 Picasso Court, Irvine, CA 92606 (US). CUZENS, John, E.; 11871 Woodlawn, Santa Ana, CA 92705 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/18181

(22) 6 Oct/oct 1997 (06.10.1997)

(25) en (26) en

(31) 08/740,812 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 51/14, 55/14

(54) MANUFACTURE OF ADIPIC ACID
FABRICATION DE L'ACIDE ADIPIQUE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) BRUNER, Harold, Stanley, Jr.; 10 Forest Creek Drive, Hockessin, DE 19707 (US). LANE, Samuel, Livingston; 6435 Durango Drive, Beaumont, TX 77708 (US). MURPHREE, Bruce, Edwin; 15 Leonie Hill Road #15-03, Horizon Tower East, Singapore 239194 (SG).

(74) TULLOCH, Rebecca, W.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA CN ID JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) WO 98/19988 (13) A1

(21) PCT/US97/04582

(22) 21 Mar/mar 1997 (21.03.1997)

(25) en (26) en

(31) 08/743,479 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 53/50, 53/21, 59/135, 69/63, 31/40, C07D 265/00, C07C 237/00, 327/00, C11D 1/00, A62D 1/00

(54) ALPHA-BRANCHED FLUOROALKYL CARBONYL FLUORIDES AND THEIR DERIVATIVES
FLUORURES FLUOROALKYL CARBONYLE A RAMIFICATION ALPHA ET LEURS DERIVES

(71) MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) MANZARA, Anthony, P.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). FAN, Wei-Qiang; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). STERN, Richard, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). MOORE, George, G., I.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BURTIS, John, A. et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/19989 (13) A1

(21) PCT/US97/19618

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/748,107 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07C 67/00, 253/00, 69/76, C12Q 1/68, C12P 15/00, C07F 9/06, 9/02, C07D 305/14

(54) WATER SOLUBLE TRI-SUBSTITUTED 1,2-DIOXETANE COMPOUNDS HAVING INCREASED STORAGE STABILITY, SYNTHETIC PROCESSES AND INTERMEDIATES

- COMPOSES DE 1-2 DIOXETANES TRI-SUBSTITUEES SOLUBLES DANS L'EAU A STABILITE AU STOCKAGE AMELIOREE, PROCEDES SYNTHETIQUES ET PRODUITS INTERMEDIATES
- (63) US 08/748,107 (CIP) 8 Nov/nov 1996 (08.11.1996)
- (71) **LUMIGEN, INC.** [US/US]; 24485 W. Ten Mile Road, Southfield, MI 48034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKHAVAN-TAFTI, Hashem** [US/US]; 2107 Johns Drive, Brighton, MI 48116 (US). **AR-GHAVANI, Zahra** [IR/US]; 2107 Johns Drive, Brighton, MI 48116 (US). **DESILVA, Renuka** [LK/US]; 40628 Delta Drive, Northville, MI 48167 (US). **THAKUR, Kumar** [IN/US]; Apartment 217, 25125 Grodan, Southfield, MI 48034 (US).
- (74) **BOLAND, Mark** et al. / etc.; Sughrue, Mion, Zimm, MacPeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20031-3202 (US).
- (81) AU CA CN IL JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19990** (13) A1
(21) PCT/NL97/00596
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 96203071.4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP
(34) AT et al. / etc.
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 67/347, 69/716
- (54) PROCESS FOR THE CONTINUOUS PREPARATION OF AN ALKYL 5-FORMYLVALERATE COMPOUND
PROCEDE D'ELABORATION EN CONTINU D'UN COMPOSE ALKYL 5-FORMYLVALERATE
- (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GELLING, Onko, Jan** [NL/NL]; Maaslaan 62, NL-6163 KL Geleen (NL). **BORMAN, Peter, Cornelis** [NL/NL]; Kompelstraat 30, NL-6163 LE Geleen (NL).
- (74) **CRAMWINCKEL, Michiel**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19991** (13) A1
(21) PCT/US97/19308
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 08/743,263 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 209/48
- (54) IMPROVED PROCESS TO HYDROGENATE ORGANIC NITRILES TO PRIMARY AMINES
PROCEDE AMELIORE D'HYDROGENATION DE NITRILES ORGANIQUES EN AMINES PRIMAIRE
- (71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELSASSER, A., Fred** [US/US]; 6148 Watchview Court, Cincinnati, OH 45230 (US).
- (74) **MEDER, Martin, G.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
- (81) BR CA CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/19992** (13) A1
(21) PCT/US97/19747
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/742,523 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 227/18, C07F 9/38
- (54) USE OF MONOSODIUM IMINODIACETIC ACID SOLUTIONS IN THE PREPARATION OF N-PHOSPHONOMETHYLIMINODIACETIC ACID
UTILISATION DE SOLUTIONS A BASE D'ACIDE IMINODIACETIQUE MONOSODIQUE POUR LA PREPARATION D'ACIDE N-PHOSPHONOMETHYLIMINODIACETIQUE
- (71) **MONSANTO COMPANY** [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).
- (72) **SMITH, Lowell, R.**; 1750 Kimkirk Court, Kirkwood, MO 63122 (US).
- (74) **WAACK, Janelle, D.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19993** (13) A1
(21) PCT/EP97/05884
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) de (26) de
(31) 196 45 659.2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 263/20
- (54) PROCESS FOR THE ISOMERIC SEPARATION OF ISOCYANATES
PROCEDE DE SEPARATION ISOMERIQUE D'ISOCYANATES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DROPE, Rüdiger** [DE/DE]; Schulstrasse 63, D-50767 Köln (DE). **GRENNER, Dieter** [DE/DE]; Friedrich-Bayer-Strasse 10, D-51373 Leverkusen (DE). **HETZEL, Hartmut** [DE/DE]; Trierer Strasse 37a, D-50858 Köln (DE). **SCHAL, Hans-Peter** [DE/DE]; Goethestrasse 6a, D-41539 Dormagen (DE). **WEGENER, Gerhard** [DE/DE]; Händelstrasse 14, D-40822 Mettmann (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19994** (13) A1
(21) PCT/US97/19864
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/029,742 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 275/28, A01N 47/34
- (54) NEW BENZOYLPHENYLUREA INSECTICIDES AND METHODS OF USING THEM TO CONTROL COCKROACHES, ANTS, FLEAS, AND TERMITES
INSECTICIDES A BASE DE BENZOPHENYLUREE ET PROCEDES D'UTILISATION DE CERTAINES BENZOPHENYLUREES POUR LA LUTTE CONTRE LES BLATTES, LES FOURMIS, LES MOUCHES ET LES TERMITES
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **HACKLER, Ronald, E.**; 5234 Hawks Point Road, Indianapolis, IN 46226-1427 (US). **JOHNSON, George, W.**; 6715 Knollcreek Drive, Indianapolis, IN 46256 (US). **OWEN, John, M.**; 1320 Greenhills Drive, Greenfield, IN 46140 (US).
- (74) **STUART, Donald, R.**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/19995** (13) A1
(21) PCT/US97/19966
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/029,748 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07C 275/54, A01N 47/34
- (54) NEW BENZOYLPHENYLUREA INSECTICIDES AND METHODS OF USING THEM TO CONTROL COCKROACHES

- NOUVEAUX INSECTICIDES A BASE DE BENZOYLPHENYLUREE ET PROCEDES D'UTILISATION POUR LUTTER CONTRE LES CAFARDS
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **HACKLER, Ronald, E.**; 5234 Hawks Point Road, Indianapolis, IN 46226-1427 (US). **LAWRENCE, Kathryn, E.**; 10350 SR 32 E, Crawfordsville, IN 47933 (US).
- (74) **STUART, Donald, R.**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/19996** (13) A1
- (21) PCT/US97/20104
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/746,431 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C07C 291/04, A61K 31/13, 31/785, C08F 8/30
- (54) NITRIC OXIDE DONOR COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS FOR PULMONARY HYPERTENSION AND OTHER INDICATIONS
COMPOSES DONNEURS D'OXYDE NITRIQUE ET COMPOSITIONS PHARMACEUTIQUES APPLICABLES A L'HYPERTENSION ARTERIELLE PULMONAIRE AINSI QU'A D'AUTRES SITUATIONS
- (71) **CHILDREN'S HOSPITAL MEDICAL CENTER** [US/US]; 3333 Burnet Avenue, Cincinnati, OH 45229 (US). **THE UNIVERSITY OF AKRON** [US/US]; 302 East Buchtel Avenue, Akron, OH 44325-2102 (US).
- (72) **SALZMAN, Andrew, L.**; 8280 Kugler Mill Road, Cincinnati, OH 45243 (US). **SZABO, Csaba**; Apartment #E, 3654 Stonebridge Drive, Cincinnati, OH 45209 (US). **ROSELLE, Dominick, C.**; 8713 Grape Arbor Way, Odenton, MD 21113 (US). **BRILLI, Richard, J.**; 43150 Ashley Meadow Court, Cincinnati, OH 45227 (US). **KRAFTE-JACOBS, Brian**; 2216 Heather Hill Boulevard, Cincinnati, OH 45244 (US). **SMITH, Daniel, J.**; 2988 Ridgeline Trail, Stow, OH 44224 (US).
- (74) **JOSEPHIC, David, J.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/19997** (13) A2
- (21) PCT/US97/19853
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 60/029,906 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) 08/883,743 (32) **27 Jun/juin 1997 (27.06.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C07D 3/0900, 3 /0932, 4 /0512, 4 /0309, 4 /0233
- (54) DIHYDROPYRONES WITH IMPROVED ANTI-VIRAL ACTIVITY
DIHYDROPYRONES A ACTIVITE ANTIVIRALE AMELIOREE
- (71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOYER, Frederick, Earl, Jr.** [US/US]; 1624 Ironwood Drive, Canton Township, MI 48188 (US). **DOMAGALA, John, Michael** [US/US]; 47693 Red Run, Canton, MI 48187 (US). **ELLSWORTH, Edmund, Lee** [US/US]; 6899 Kestrel Court, Brighton, MI 48116 (US). **GAJDA, Christopher, Andrew** [CA/US]; 2684 Bellwood, Ann Arbor, MI 48104 (US). **HAGEN, Susan, Elizabeth** [US/US]; 1035 Paddington Road, Canton Township, MI 48187 (US). **HAMILTON, Harriet, Wall** [US/US]; 204 Jefferson Street, Chelsea, MI 48118 (US). **MARKOSKI, Larry, James** [US/US]; Apartment 2A, 4920 Lakeridge Drive, Ypsilanti, MI 48197 (US). **PRASAD, Josyula, Venkata, Nagendra, Vara** [IN/US]; 3129 Fawnmeadow Court, Ann Arbor, MI 48105 (US). **TAIT, Bradle, Dean** [US/US]; 8431 Congress Drive, Canton, MI 48187 (US). **LUNNEY, Elizabeth, Ann** [US/US]; 619 Ridgewood Court, Ann Arbor, MI 48103 (US).
- (74) **RYAN, M. Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.
- (81) AL AU BA BB BG BR CA CN CZ EE GE GH HU IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19998** (13) A2
- (21) PCT/EP97/06125
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/746,295 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C07D 207/00, 401/00, C07K 5/00
- (54) N-SUBSTITUTED 2-CYANOPYRROLIDINES
2-CYANOPYRROLIDINES A SUBSTITUTION N
- (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VILLHAUER, Edwin, Bernard** [US/US]; 20 Dorothy Drive, Morristown, NJ 07960 (US).
- (74) **ROTH, Bernhard, M.**; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/19999** (13) A1
- (21) PCT/US97/19915
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) en (26) en
- (31) 08/744,210 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C07D 215/14, A61K 31/44, C07D 215/22, A61K 31/445, C07D 215/48
- (54) N-ARYL SUBSTITUTED TETRAHYDROQUINOLINES LIGANDS FOR RETINOID RECEPTORS HAVING AGONIST, ANTAGONIST OR INVERSE AGONIST TYPE ACTIVITY LIGANDS TETRAHYDROQUINOLINES, A SUBSTITUTION N-ARYLE, DE RECEPTEURS RETINOIDES, POSSEDANT UNE ACTIVITE DU TYPE AGONISTE, ANTAGONISTE OU AGONISTE INVERSE
- (71) **ALLERGAN** [US/US]; 2525 Dupont Drive, T-2, 2-E, P.O. Box 19534, Irvine, CA 92623-9534 (US).
- (72) **BEARD, Richard, L.**; 2341 Azure Avenue, Newport Beach, CA 92660 (US). **TENG, Min**; 5185 Seachase Street, San Diego, CA 92130 (US). **COLON, Diana, F.**; 247 Veneto, Irvine, CA 92714 (US). **DUONG, Tien, T.**; Apartment 15C, 13 Bearpaw, Irvine, CA 92714 (US). **CHANDRANATHA, Roshantha, A.**; 25841 Empresa, Mission Viejo, CA 92691 (US).
- (74) **BARAN, Robert, J.** et al. / etc.; Allergan, Inc., 2525 Dupont Drive, T-2, 2-E, P.O. Box 19534, Irvine, CA 92623-9534 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/20000** (13) A2
- (21) PCT/EP97/06057
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) de (26) de
- (31) 196 45 313.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C07D 231/20
- (54) SUBSTITUTED 3-BENZYLPIRAZOLES AND THEIR USE AS HERBICIDES AND FOR LOWERING THE SUGAR CONTENT IN BLOOD
3-BENZYLPIRAZOLES SUBSTITUES ET LEUR UTILISATION COMME HERBICIDES ET POUR ABAISSER LA TENEUR EN SUCRE DU SANG
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ZAGAR, Cyrill** [DE/DE]; Georg-Herwegh-Strasse 31, D-67061 Ludwigshafen (DE). **HAMPRECHT, Gerhard** [DE/DE]; Rote-Turm-Strasse 28, D-69469 Weinheim (DE). **MENGES, Markus** [DE/DE]; Berliner Strasse 22, D-68161 Mannheim (DE). **MENKE, Olaf** [DE/DE]; Lerchenweg 3, D-67317 Altleiningen (DE). **SHÄFER, Peter** [DE/DE]; Römerstrasse 1, D-67308 Ottersheim (DE). **WESTPHALEN, Karl-Otto** [DE/DE]; Mausbergweg 58, D-67346 Speyer (DE). **MISSLITZ, Ulf** [DE/DE]; Am Herzel 40, D-67433 Neustadt (DE). **WALTER, Helmut** [DE/DE]; Grünstadter Strasse 82, D-67283 Obrigheim (DE). **REINHARD, Robert** [DE/DE]; Pranchstrasse 41, D-67061 Ludwigshafen (DE). **JONES, Robert, Brian** [GB/GB]; 5 Manor Close, Nottingham, NG12 4BH (GB).
- (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
- (81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20001** (13) A1
(21) PCT/US97/20020
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 60/029,894 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 241/04, 243/08, 295/192, 403/06, A61K 31/495, 31/55
- (54) THIOPROLINE-CONTAINING INHIBITORS OF FARNESYL PROTEIN TRANSFERASE
INHIBITEURS DE FARNESYL PROTEINE TRANSFERASE, CONTENANT DE LA THIO-
PROLINE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (72) **LEFATHERIS, Katherina**; 92 Richmond Drive, Skillman, NJ 08558 (US).
- (74) **HOFFMAN, Frank, P. et al.** / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LT LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20002** (13) A1
(21) PCT/US97/18830
(22) **17 Oct/oct 1997 (17.10.1997)**
(25) en (26) en
(31) 60/030,375 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 243/10, A01N 43/46
- (54) DIPYRIDO[2,3-B:3',2'-F]AZEPINES AND THEIR USE IN THE PREVENTION OR TREATMENT OF HIV INFECTION
- DIPYRIDO[2,3-B:3',2'-F]AZEPINES ET LEUR UTILISATION DANS LA PREVENTION ET LE TRAITEMENT D'INFECTIONS A VIH
- (71) **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).
- (72) **PROUDFOOT, John**; 40 Currituck Road, Newtown, CT 06470 (US). **DYATKIN, Alexey, B.**; Apartment A107, 757 East Main Street, Lansdale, PA 19446 (US).
- (74) **RAYMOND, Robert et al.** / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).
- (81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20003** (13) A1
(21) PCT/US97/17608
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) en (26) en
(31) 60/029,965 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 249/12, A01N 43/653, C07D 403/12, A01N 43/66, 43/707
- (54) FUNGICIDAL CYCLIC AMIDES
AMIDES CYCLIQUES FONGICIDES
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALKER, Michael, Paul** [US/US]; 22 Matthews Road, Newark, DE 19713 (US).
- (74) **HEISER, David, E.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20004** (13) A1
(21) PCT/JP97/03896
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) ja (26) ja
(31) 8/307279 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 285/12, C09K 19/34
- (54) 2-(4-ALKYLPHENYL)-5-ALKYLTHIAZAZOLES
2-(4-ALKYLPHENYL)-5-ALKYLTHIAZAZOLES
- (71) **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAITO, Shinichi** [JP/JP]; 288-31, Naka, Ichihara-shi, Chiba 290-02 (JP). **SHUNDO, Ryushi** [JP/JP]; 17, Tatsumidai-higashi 2-chome, Ichihara-shi, Chiba 290 (JP). **OKABE, Eiji** [JP/JP];
- 27-2, Tatsumidai-higashi 3-chome, Ichihara-shi, Chiba 290 (JP). **SAITO, Hideo** [JP/JP]; 195-6, Iinuma, Ichihara-shi, Chiba 290 (JP).
- (74) **KAWAKITA, Takenaga**; Sowa Building, 3-6, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103 (JP).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20005** (13) A1
(21) PCT/FR97/01963
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) fr (26) fr
(31) 96/13438 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 317/66, 317/58, C07C 217/58, 217/84, A61K 31/19, 31/335
- (54) ARYLOXYPROPANOLAMINE DERIVATIVES, METHOD OF PREPARATION AND APPLICATIONS THEREOF
DERIVES ARYLOXYPROPANOLAMINES, LEUR PROCÉDE DE PREPARATION ET LEURS APPLICATIONS
- (71) **VIRBAC S.A.** [FR/FR]; 1ère Avenue - 2065 M - L.I.D., F-06516 Carros (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARCHIMBAULT, Philippe** [FR/MC]; 14, rue Comte Gastaldi, MC-98000 Monaco (MC). **LECLERC, Gérard** [FR/FR]; 16, rue du Docteur Mazet, F-38000 Grenoble (FR). **STROSBERG, Arthur, Donny** [BE/FR]; 66, rue de Javel, F-75015 Paris (FR). **PIETRI-ROUXEL, France** [FR/FR]; 69, boulevard Brune, F-75014 Paris (FR).
- (74) **CABINET ORES**; 6, avenue de Messine, F-75008 Paris (FR).
- (81) AU BR CA JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20006** (13) A1
(21) PCT/JP97/04069
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) ja (26) ja
(31) 8/311405 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07D 319/06, C09K 19/34, 19/42, G02F 1/13
- (54) FLUOROALKYLATED DIOXANE DERIVATIVES, LIQUID CRYSTAL COMPOSITIONS, AND LIQUID-CRYSTAL DISPLAY ELEMENTS
DERIVES DE DIOXANE FLUOROALKYLE, COMPOSITIONS DE CRISTAUX LIQUIDES ET ELEMENTS D'ECRAN A CRISTAUX LIQUIDES
- (71) **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASEBA, Yasuhiro** [JP/JP]; 249-239, Gokomutsumi, Matsudo-shi, Chiba 270 (JP). **MATSUI, Shuichi** [JP/JP]; 17, Tatsumidai-higashi 2-chome, Ichihara-shi, Chiba 290 (JP). **MIYAZAWA, Kazutoshi** [JP/JP]; 3-27-7, Chiharadai, Ichihara-shi,

Chiba 290-01 (JP). **TAKEUCHI, Hiroyuki** [JP/JP]; 353-1, Saihiro, Ichihara-shi, Chiba 290 (JP). **KUBO, Yasuhiro** [JP/JP]; 17, Tatsumidai-higashi 2-chome, Ichihara-shi, Chiba 290 (JP). **TAKESHITA, Fusayuki** [JP/JP]; 939-5, Nakatomi, Kimitsu-shi, Chiba 299-11 (JP). **NAKAGAWA, Etsuo** [JP/JP]; 8890, Goi, Ichihara-shi, Chiba 290 (JP).

(74) **KAWAKITA, Takenaga**; Sowa Building, 3-6, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20007** (13) A1

(21) PCT/GB97/03047

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9623163.4 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB

(31) 9714298.8 (32) **7 Jul/juil 1997 (07.07.1997)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07D 401/04, A61K 31/47, C07D 413/04, 417/04, 487/04, 498/04, 513/04, 473/00, A61K 31/495

(54) QUINOLINES AND THEIR THERAPEUTIC USE QUINOLEINES ET LEUR UTILISATION THERAPEUTIQUE

(71) **DARWIN DISCOVERY LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

(72) **DYKE, Hazel, Joan**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **MONTANA, John, Gary**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20008** (13) A1

(21) PCT/US97/20035

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/747,104 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/029,745 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07D 403/06, A61K 31/55

(54) 1-(3-AMINOINDAZOL-5-YL)-3-PHENYLMETHYL-CYCLIC UREAS USEFUL AS HIV PROTEASE INHIBITORS

UREES 1-(3-AMINOINDAZOL-5-YL)-3-PHENYLMETHYL-CYCLIC UREAS EN TANT QU'INHIBITEURS DE PROTEASE DE VIH

(71) **THE DU PONT MERCK PHARMACEUTICAL COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **RODGERS, James, David**; 2 Hillside Lane, Landenberg, PA 19350 (US). **KALTENBACH, Robert, Frank, III**; 2004 Walmsley Drive, Wilmington, DE 19808 (US).

(74) **VANCE, David, H.**; The du Pont Merck Pharmaceutical Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AM AU AZ BR BY CA CN CZ EE HU IL JP KG KR KZ LT LV MD MX NO NZ PL RO RU SG SI SK TJ TM UA VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20009** (13) A1

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(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/747,103 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/029,746 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07D 403/06, A61K 31/55

(54) (4R,5S,6S,7R)-HEXAHYDRO-1-[5-(3-AMINOINDAZOLE)METHYL]-3-BUTYL-5,6-DIHYDROXY-4,7-BIS [PHENYLMETHYL]-2H-1,3-DIAZEPIN-2-ONE, ITS PREPARATION AND ITS USE AS HIV PROTEASE INHIBITOR (4R,5S,6S,7R)-HEXAHYDRO-1-[5-(3-AMINOINDAZOLE)METHYL]-3-BUTYL-5,6-DIHYDROXY-4,7-BIS [PHENYLMETHYL]-2H-1,3-DIAZEPIN-2-ONE, SA PREPARATION ET SON UTILISATION EN TANT QU'INHIBITEUR DE PROTEASE DE VIH

(71) **THE DU PONT MERCK PHARMACEUTICAL COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **RODGERS, James, David**; 2 Hillside Lane, Landenberg, PA 19350 (US). **LAM, Patrick, Yuk-Sun**; 6 Ridgeway Drive, Chadds Ford, PA 19317 (US).

(74) **VANCE, David, H.**; The du Pont Merck Pharmaceutical Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AM AU AZ BA BR BY CA CN CU CZ EE HU IL JP KG KR KZ LC LT LV MD MX NO NZ PL RO RU SG SI SK TJ TM UA VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20010** (13) A1

(21) PCT/US97/19164

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/742,538 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07D 471/10, A61K 31/435, C07D 495/10, 221/20, 295/12, 249/08, 257/04, 213/63, 239/48, 233/61, 473/18 // (C07D 471/10, 221:00, 209:00)

(54) SUBSTITUTED OXIMES, HYDRAZONES AND OLEFINS AS NEUROKININ ANTAGONISTS OXIMES, HYDRAZONES ET OLEFINS SUBSTITUEES UTILISEES COMME ANTAGONISTES DES NEUROKININES

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(72) **SHIH, Neng-Yang**; 1 Maple Drive, North Caldwell, NJ 07006 (US). **REICHARD, Gregory, A.**; 4 Bahama Road, Morris Plains, NJ 07950 (US). **ASLANIAN, Robert, G.**; 144 Philip Drive, Rockaway, NJ 07866 (US).

(74) **MAGATTI, Anita, W.** et al. / etc.; Schering-Plough Corporation, Patent Dept., K-6-1, 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CZ EE GE HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20011** (13) A1

(21) PCT/US97/18918

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/743,443 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07D 487/04, A61K 31/55 // (C07D 487/04, 243:00, 209:00)

(54) 3-CARBOXAMIDE DERIVATIVES OF 5H-PYRROLO[2,1-c][1,4]-BENZODIAZEPINES DERIVES 3-CARBOXAMIDE DE 5H-PYRROLO[2,1-c][1,4]BENZODIAZEPINES

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **TRYBULSKI, Eugene, John**; 5 Lee Court, Princeton Junction, NJ 08550 (US). **MOLINARI, Albert, John**; 1506 Johnathan Court, Princeton, NJ 08540 (US). **BAGLI, Jehan, Framroz**; 61 Sayre Drive, Princeton, NJ 08540 (US). **ASHWELL, Mark, Anthony**; 1015 Aspen Drive, Plainsboro, NJ 08536 (US). **CAGGIANO, Thomas, Joseph**; 350 Stockham Avenue, Morrisville, PA 19067 (US).

(74) **ALICE, Ronald, W.**; American Home Products Corporation, Patent Law Dept. - 2B, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20012** (13) A1

(21) PCT/EP97/05855

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) de (26) de

(31) 196 45 125.6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07F 9/40, C08K 5/5333, C07F 9/30, 9/6568, C08K 5/5313, 5/5393, C07F 9/48(54) PROCESS FOR PREPARING ALUMINIUM SALTS OF ORGANIC PHOSPHORIC ACIDS
PROCEDE DE PREPARATION DE SELS D'ALUMINIUM D'ACIDES PHOSPHORIQUES ORGANIQUES(71) **HOECHST AKTIENGESELLSCHAFT** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KLEINER, Hans-Jerg** [DE/DE]; Altkönigstrasse 11a, D-61476 Kronberg (DE).
SEITZ, Thomas [DE/DE]; Kirschblütenstrasse 29, D-68542 Heddesheim (DE).

(81) AU CA JP KR NO SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20013** (13) A1

(21) PCT/EP97/06184

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 45 974.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07F 9/6558, A61K 31/675(54) NEW KNOEVENAGEL CONDENSATION PRODUCTS, METHOD FOR THEIR PRODUCTION AND THEIR USE
NOUVEAUX PRODUITS DE CONDENSATION DE KNOEVENAGEL, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION(71, 72) **KESEL, Andreas, Johannes** [DE/DE]; Chamminsterstrasse 47, D-81827 München (DE).
OBERTHÜR, Walter [DE/DE]; Asterstrasse 9, D-85402 Kranzberg (DE).(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20014** (13) A1

(21) PCT/US97/20605

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(31) 08/744,334 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07F 17/00 // C08F 10/00(54) ZIRCONOCENE ISOMERIZATION PROCESS
PROCEDE D'ISOMERISATION DE ZIRCONOCENES(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1780 (US).(72) **LIN, Ronny, W.**; 2823 Galahad Drive, Baton Rouge, LA 70816 (US).
DeSOTO, Troy, E.; 5103 Nicholson Drive, Baton Rouge, LA 70820 (US).
BALHOFF, John, F.; 2816 Dakin Avenue, Baton Rouge, LA 70820 (US).(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, 451 Florida Street, Baton Rouge, LA 70801-1780 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20015** (13) A1

(21) PCT/GB97/03034

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 9622997.6 (32) **5 Nov/nov 1996 (05.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07H 3/04, 3/06, A61K 31/70(54) NITRIC OXIDE DONOR DRUGS
MEDICAMENTS DONNEURS D'OXYDE NITRIQUE(71) **THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS** [GB/GB]; St Andrews, Fife KY16 9SS (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BUTLER, Anthony, Robert** [GB/GB]; Denhead, St Andrews, Fife KY16 8PB (GB).
GREIG, Iain, Robert [GB/GB]; 10 North Deeside Road, Bielside, Aberdeen AB1 9AJ (GB).
MEGSON, Ian, Lennox [GB/GB]; 50/1 Dalmeny Road, Edinburgh EH6 4QY (GB).(74) **KEITH W. NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20016** (13) A1

(21) PCT/US97/20016

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,279 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US(31) 60/049,018 (32) **9 Jun/juin 1997 (09.06.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07H 17/00, C12N 15/00, 5/00(54) NOVEL CODING SEQUENCES FROM HERPES SIMPLEX VIRUS TYPE-2
NOUVELLES SEQUENCES CODANTES POUR LE VIRUS HERPES SIMPLEX DE TYPE 2(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **ESSER, Klaus, Max** [US/US]; 200 Hickey Drive, Downingtown, PA 19335 (US).
CHAN, John, Y. [US/US]; Apartment 210, 570 West Dekalb Pike, King of Prussia, PA 19406 (US).
DABROWSKI-AMARAL, Christine, Ellen [US/US]; 4090 Moscow Road, Parkersburg, PA 19365 (US).
DELVECCHIO, Alfred, Michael [US/US]; 668 Metro Court, West Chester, PA 19380 (US).
DILLON, Susan, B. [US/US]; 1209 Tullamore Circle, Chester Springs, PA 19425 (US).
LEARY, Jeffrey, Joseph [-/US]; 521 General Scott Road, Wayne, PA 19087 (US).(74) **GEIGER, Kathleen, W.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20017** (13) A1

(21) PCT/RU97/00348

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(25) ru (26) ru

(31) 96121584 (32) **5 Nov/nov 1996 (05.11.1996)** (33) RU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07H 19/10, 19/207(54) MODIFIED NUCLEOSIDE-5'-TRIPHOSPHATES
NUCLEOSIDE-5'-TRIPHOSPHATES MODIFIEDES(71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "PROIZVODSTVENNOKOMMERCHESKAYA ASSOCIATION AZT"** [RU/RU]; ul. 3-ya Cherepkovskaya, 15a, Moscow, 121552 (RU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **DYATKINA, Natalia Borisovna** [RU/RU]; ul. Generala Antonova, 7-1-131, Moscow, 117342 (RU).
ARZUMANOV, Andrey Alexandrovich [RU/RU]; ul. Vavilova, 86-106, Moscow, 119261 (RU).
SHIROKOVA, Elena Anatolievna [RU/RU]; ul. Akademika Arzimovicha, 9-17, Moscow, 117437 (RU).
JASKO, Maxim Vladimirovich [RU/RU]; Zeleny prospect, 40-1-37, Moscow, 111396 (RU).
ALEXANDROVA, Ludmila Alexandrovna [RU/RU]; ul. Fersmana, 3-70, Moscow, 117312 (RU).
VICTOROVA, Lyubov Semenovna [RU/RU]; g. Golitsino, ul. Sovjetskaya, 56-2-88, Moskovskaya obl., 143040 (RU).
GORJUNOVA, Ludmila Evgenievna [RU/RU]; ul. Akademika Pavlova, 48-41, Moscow, 121552 (RU).
BIBILASHVILI, Robert Shalvovich [RU/RU]; Kutuzovskiy prospect, 43-85, Moscow, 121170 (RU).
KRAYEVSKY, Alexander Antonovich [RU/RU]; ul. Profsojuznaya, 132-4-111, Moscow, 117321 (RU).

(81) CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20018** (13) A1

(21) PCT/EP97/06123

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 96117847.2 (32) **7 Nov/nov 1996 (07.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07H 21/00, C07K 1/00(54) PROCESS FOR THE PREPARATION OF AN OLIGOMERIC COMPOUND
PROCEDE DE PREPARATION D'UN COMPOSE OLIGOMERE

- (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NATT, François** [FR/CH]; Traugott-Meyer-Strasse 3, CH-4147 Aesch (CH).
HÄNER, Robert [CH/CH]; Lämmlimattstrasse 206, CH-4232 Fehren (CH).

- (74) **ROTH, Bernhard, M.**; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 Basel (CH).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20019** (13) A1

- (21) PCT/US97/20194

- (22) **6 Nov/nov 1997 (06.11.1997)**

- (25) en (26) en

- (31) 08/746,036 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

- (31) 08/786,988 (32) **23 Jan/jan 1997 (23.01.1997)** (33) US

- (31) 08/787,639 (32) **23 Jan/jan 1997 (23.01.1997)** (33) US

- (31) 08/933,792 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ C07H 21/00

- (54) COMPOSITIONS AND METHODS FOR IMMOBILIZING NUCLEIC ACIDS TO SOLID SUPPORTS
COMPOSITIONS ET PROCÉDES D'IMMOBILISATION D'ACIDES NUCLEIQUES SUR DES SUPPORTS SOLIDES

- (71) **SEQUENOM, INC.** [US/US]; 11555 Sorrento Valley Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **LOUGH, David, M.** [GB/GB]; 32 Deanhead Road, Eyemouth, Berwickshire TD14 55A (GB).
KÖSTER, Hubert [DE/US]; 8636 C Via Mallorca Drive, La Jolla, CA 92037 (US).
REUTER, Dirk [DE/DE]; Zylinderbergstrasse 1, D-22457 Hamburg (DE).
HIGGINS, G., Scott [GB/DE]; Haselweg 1, D-22880 Weidel (DE).

- (74) **SEIDMAN, Stephanie, L.**; Brown Martin Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20020** (13) A2

- (21) PCT/US97/20195

- (22) **6 Nov/nov 1997 (06.11.1997)**

- (25) en (26) en

- (31) 08/746,055 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

- (31) 08/787,639 (32) **23 Jan/jan 1997 (23.01.1997)** (33) US

- (31) 08/786,988 (32) **23 Jan/jan 1997 (23.01.1997)** (33) US

- (31) 947,801 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ C07H 21/00, C12Q 1/68, B01J 19/00

- (54) HIGH DENSITY IMMOBILIZATION OF NUCLEIC ACIDS
IMMOBILISATION HAUTE DENSITE D'ACIDES NUCLEIQUES

- (71) **SEQUENOM, INC.** [US/US]; 11555 Sorrento Valley Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **O'DONNELL, Maryanne, J.** [US/US]; 3855 Nobel Drive, San Diego, CA 92122 (US).
CANTOR, Charles, R. [US/US]; 11 Bay State Road, Boston, MA 02215 (US).
LITTLE, Daniel, P. [US/US]; 393 Glendale Lake Road, Patton, PA 18668 (US).
KOSTER, Hubert [DE/US]; 8636 C Via Mallorca Drive, La Jolla, CA 92037 (US).

- (74) **SEIDMAN, Stephanie, L.**; Brown Martin Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20021** (13) A1

- (21) PCT/US97/20408

- (22) **7 Nov/nov 1997 (07.11.1997)**

- (25) en (26) en

- (31) 08/744,905 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ C07H 21/04, A01N 37/18, 43/04, A61K 38/00, 38/16, 31/70, G01N 33/574

- (54) NUCLEOTIDE AND AMINO ACID SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE, AND METHODS OF USE THEREOF
SEQUENCES NUCLEOTIDIQUES ET AMINO-ACIDES DE C4-2, UN GENE SUPPRESSEUR DES TUMEURS, ET LEURS MODES D'UTILISATION

- (63) US 08/744,905 (CIP)
8 Nov/nov 1996 (08.11.1996)

- (71) **NORTHWEST BIOTHERAPEUTICS LLC** [US/US]; Suite 236, 120 Northgate Plaza, Seattle, WA 98125 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MURPHY, Gerald, P.** [US/US]; 1134 23rd Avenue E, Seattle, WA 98112 (US).
BOYNTON, Alton, L. [US/US]; 2420 274th Avenue N.E., Redmond, WA 98053 (US).
SEHGAL, Anil [IN/US]; Apartment H106, 2104 North 105th Street, Seattle, WA 98133 (US).

- (74) **BALDWIN, Geraldine, F.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20022** (13) A1

- (21) PCT/US97/06227

- (22) **15 Apr/avr 1997 (15.04.1997)**

- (25) en (26) en

- (31) 08/740,947 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ C07K 1/00, 14/00, 17/00

- (54) SOLUBLE PROTEINS
PROTEINES SOLUBLES

- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).

- (72) **PRUSINER, Stanley, B.**; 400 Pacheco Street, San Francisco, CA 94116 (US).
COHEN, Fred, E.; 767 Rhode Island Street, San Francisco, CA 94107 (US).
MURAMOTO, Tamaki; 265 Buckingham Way #902, San Francisco, CA 94132 (US).

- (74) **BOZICEVIC, Karl**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20023** (13) A1

- (21) PCT/AU97/00729

- (22) **31 Oct/oct 1997 (31.10.1997)**

- (25) en (26) en

- (31) PO 3384 (32) **1 Nov/nov 1996 (01.11.1996)** (33) AU

- (31) PO 5117 (32) **14 Feb/fév 1997 (14.02.1997)** (33) AU

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ C07K 2/00

- (54) THERAPEUTIC AND DIAGNOSTIC AGENTS CAPABLE OF MODULATING CELLULAR RESPONSIVENESS TO CYTOKINES
AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES CAPABLES DE MODULER LA RECEPTIVITE CELLULAIRE AUX CYTOKINES

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- (74) **HUGHES, E., John, L.** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20024** (13) A1
(21) PCT/CA97/00824
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 60/030,411 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 5/08, G01N 33/573
(54) LIGANDS FOR PHOSPHATASE BINDING ASSAY
LIGANDS POUR DOSAGE PAR LIAISON COMPETITIVE
- (71) **MERCK FROSST CANADA INC.** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
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- (72, 75) **DESMARIS, Sylvie** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **FRIESEN, Richard** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **ZAMBONI, Robert** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).
- (74) **MURPHY, Kevin, P.**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College, Montreal, Quebec H3A 2Y3 (CA).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20025** (13) A1
(21) PCT/US97/20520
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/743,200 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 7/08, 14/47, 16/18, C12N 15/09, 15/12, C12Q 1/00, 1/68, G01N 33/536, 33/543, 33/564
(54) DIAGNOSTIC METHODS FOR SCREENING PATIENTS FOR SCLERODERMA
METHODES DIAGNOSTIQUES PERMETTANT DE RECHERCHER LA SCLERODERMIE CHEZ UN PATIENT
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- (74) **CREASON, Gary, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AU JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20026** (13) A1
(21) PCT/US97/20534
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,722 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 7/64, 14/435, C07H 21/00
(54) CONTRYPHAN PEPTIDES
PEPTIDES CONTRYPHANES
- (71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; Suite 170, 421 Wakara Way, Salt Lake City, UT 84108 (US).
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- (74) **IHNEN, Jeffrey, L.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Columbia Square, Suite 701 East, 555 13th Street N.W., Washington, DC 20004 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20027** (13) A2
(21) PCT/GB97/03015
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 9622852.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB
(31) 9709494.0 (32) **9 May/mai 1997 (09.05.1997)** (33) GB
(31) 9717791.9 (32) **21 Aug/Août 1997 (21.08.1997)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00, A61K 38/00, 38/44, 38/19, 48/00
(54) THERAPEUTIC USE OF GROWTH FACTOR, AND DELIVERY DEVICE, ESPECIALLY FOR THE TREATMENT OF INTIMAL HYPERPLASIA
UTILISATION THERAPEUTIQUE D'UN FACTEUR DE CROISSANCE ET SYSTEME D'ADMINISTRATION, EN PARTICULIER POUR LE TRAITEMENT DE L'HYPERPLASIE ENDOVEINEUSE
- (71) **EUROGENE LIMITED** [GB/GB]; Marquis House, 67/68 Jermyn Street, London SW1Y 6NY (GB).
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- (74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20028** (13) A2
(21) PCT/US97/19266
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) en (26) en
(31) 08/746,160 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(31) 08/810,324 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00
(54) CLAVANINS
CLAVANINES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
- (72) **LEHRER, Robert, I.**; 2730 Washington Avenue, Santa Monica, CA 90403 (US). **HARWIG, Sylvia, S., L.** (deceased / décédé). **ZHAO, Chengquan**; 3338 Sawtelle Boulevard #13, Los Angeles, CA 90066 (US). **LEE, In-Hee**; 5-1, Amam-dong, Seongbuk-ku, Seoul 136-701 (KR).
- (74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20029** (13) A2
(21) PCT/US97/19759
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 08/742,753 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00, 14/47
(54) HNF3 δ COMPOSITIONS
COMPOSITIONS DE HNF3 δ
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).

- (72) **WONG, Gordon, G.**; 239 Clark Road, Brookline, MA 02146 (US). **YAO, Kwok-Ming**; 27A Wycoma Way, Waltham, MA 02154 (US).
- (74) **LAZAR, Steven, R.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20030** (13) A2
(21) PCT/US97/20012
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/758,280 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00, 14/435, C12Q 1/25, C12P 21/02
- (54) DISRUPTION OF THE MAMMALIAN Rad51 PROTEIN AND DISRUPTION OF PROTEINS THAT ASSOCIATE WITH MAMMALIAN Rad51 FOR HINDERING CELL PROLIFERATION
DISLOCATION DE LA PROTEINE Rad51 DU MAMMIFERE ET DISLOCATION DE PROTEINES S'ASSOCIANT A Rad51 DU MAMMIFERE, POUR INHIBER LA PROLIFERATION CELLULAIRE
- (71) **LEXICON GENETICS INCORPORATED** [US/US]; 4000 Research Forest Drive, The Woodlands, TX 77381 (US).

- (72) **HASTY, Paul**; 38614 Angel Oaks, Magnolia, TX 77355 (US).
- (74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LT LV MD MG MK MN MW MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20031** (13) A1
(21) PCT/US97/20150
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/705,404 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00, C12N 1/11, 1/13, 1/15, 1/19, 1/21, 5/10, 5/14, 5/16, 15/09, 15/10, 15/87
- (54) METHOD FOR PRODUCING TAGGED GENES, TRANSCRIPTS AND PROTEINS
TECHNIQUE DE PRODUCTION DE GENES, DE PROTEINES ET DE TRANSCRIPTS MARQUES
- (71, 72) **JARVIK, Jonathan, W.** [US/US]; 2159 Avenida de la Playa, La Jolla, CA 92037 (US).
- (74) **JOHNSON, Barbara, E.** et al. / etc.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20032** (13) A1
(21) PCT/US97/20398
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,232 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/00, A61K 38/18, C12N 5/00, 1/20, 15/00, 15/12, C07H 21/02, C12P 21/06, G01N 33/53
- (54) SPROUTY PROTEIN AND CODING SEQUENCE
PROTEINE RAMIFIEE ET SEQUENCE CODANTE
- (71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Stanford, CA 94305 (US).
- (72) **HACOHEN, Nir**; 560 Mather Mail Center, Cambridge, MA 02138 (US). **KRASNOW, Mark, A.**; 801 San Francisco Court, Stanford, CA 94305 (US).
- (74) **EVANS, Susan, T.** et al. / etc.; Dehlinger & Associates, LLP, Suite 250, 350 Cambridge Avenue, Palo Alto, CA 94306 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20033** (13) A2
(21) PCT/US97/19608
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 60/030,705 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/05, 1/18
- (54) RENATURATION AND PURIFICATION OF VIRAL INTERLEUKIN-10 (vIL-10)
RENATURATION ET PURIFICATION DE L'INTERLEUKINE-10 VIRALE (vIL-10)
- (71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).
- (72) **MENON, A., Satish**; 331 Creekside Drive, Palo Alto, CA 94306 (US). **XU, Yuming**; 116 Whits Road, Mountain View, CA 94040 (US).
- (74) **MCLAUGHLIN, Jaye, P.** et al. / etc.; Schering-Plough Corporation, Patent Dept. K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).

- (81) AL AM AU AZ BA BB BG BR BY CA CN CZ EE GE HU ID IL IS JP KE KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20034** (13) A2
(21) PCT/US97/20678
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/745,995 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/14, 14/46
- (54) NOVEL SERINE PROTEASE INHIBITOR NUCLEIC ACID MOLECULES, PROTEINS AND USES THEREOF
NOUVELLES MOLECULES D'ACIDE NUCLEIQUE INHIBANT LA SERINE PROTEASE, PROTEINE INHIBANT LA SERINE PROTEASE, ET LEURS UTILISATIONS
- (63) US 08/745,995 (CIP)
7 Nov/nov 1996 (07.11.1996)
- (71) **HESKA CORPORATION** [US/US]; 1825 Sharp Point Drive, Fort Collins, CO 80525 (US).
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- (74) **ROTHENBERGER, Scott, D.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20035** (13) A1
(21) PCT/MX97/00033
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) es (26) es
(31) 965082 (32) **24 Oct/oct 1996 (24.10.1996)** (33) MX
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C07K 14/16, C12N 1/19, 15/09, 15/10, 15/18, 15/63, 15/64, 15/65, 15/67, 15/81, C12P 1/02, 21/02
- (54) MODIFIED METHYLOTROPHIC P. PASTORIS YEAST WHICH SECRETES HUMAN GROTH HORMONE
LEVURE P. PASTORIS METHYLOTROPHIQUE MODIFIEE DE SECRETION DE L'HORMONE DE CROISSANCE HUMAINE
- (71) **UNIVERSIDAD AUTONOMA DE NUEVO LEON** [MX/MX]; Torre de Rectoría 4^o Piso, Depto. Jurídico, Cd. Universitaria, San Nicolás de los Garza, N.L. 66451 (MX).
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(72, 75) **GUERRERO OLAZARAN, Martha** [MX/MX]; Plaza Mariscal 30, Colonia Cd. Satélite, Monterrey, N.L. 64960 (MX). **BARRERA SALDAÑA, Hugo** [MX/MX]; Camino de las Alondras 240, Fracc. San Jemo 3er. sector, Monterrey, N.L. 64630 (MX). **VIADER SALVADO, José María** [ES/MX]; Plaza Mariscal 30, Colonia Cd. Satélite, Monterrey, N.L. 64960 (MX).

(74) **CHAPA LEAL, José Guadalupe**; Torre de Rectoría 4º Piso, Depto. Jurídico, Ciudad Universitaria, San Nicolás de los Garza, N.L. 66451 (MX).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/743,698 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(31) 08/876,698 (32) **16 Jun/juin 1997 (16.06.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/16, A61K 39/21, C07K 16/10

(54) CONSTRAINED HELICAL PEPTIDES AND METHODS OF MAKING SAME
PEPTIDE A STRUCTURE HELICOIDALE CONTRAINTE ET LEURS PROCÉDES DE FABRICATION

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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(74) **TORCHIA, Timothy, E.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20066

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/029,549 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/21, 14/42, 14/54, 16/28, 16/46, A61K 38/20, 39/395

(54) METHOD FOR TREATING CERTAIN PEDIATRIC ACUTE LEUKEMIAS

PROCEDE DE TRAITEMENT DE CERTAINES LEUCEMIES AIGUES CHEZ L'ENFANT

(63) US 60/029,549 (CIP)
8 Nov/nov 1996 (08.11.1996)

(71) **EMORY UNIVERSITY** [US/US]; 1380 South Oxford Road, Atlanta, GA 30322 (US).
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(72, 75) **FINDLEY, Harry, W.** [US/US]; 2363 Northlake Court, Atlanta, GA 30345 (US). **YEAGER, Andrew, M.** [US/US]; 7575 Bridgegate Court, Dunwoody, GA 30350 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20038** (13) A1

(21) PCT/US97/20344

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,302 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/39, 14/435, 14/47, 16/14, 16/18, C12N 1/19, 1/21, 5/10, 15/11, 15/12, 15/63, C12Q 1/68, A61K 38/16, 38/17, 48/00, G01N 33/536

(54) COMPOSITIONS AND USES FOR SENTRIN, A CELL-DEATH PROTECTING PROTEIN
COMPOSITIONS ET UTILISATIONS RELATIVES A LA SENTRINE, UNE PROTEINE DE PROTECTION CONTRE LA MORT CELLULAIRE

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(72) **YEH, Edward, T., H.**; 4012 Villanova, Houston, TX 77005 (US).

(74) **KITHCELL, Barbara, S.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **3 Nov/nov 1997 (03.11.1997)**

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(31) MI96A002313 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/59

(54) FSH AND LH SEPARATION AND PURIFICATION PROCESS
PROCEDE DE PURIFICATION ET DE SEPARATION DES HORMONES LH ET FSH

(71) **IBSA INSTITUT BIOCHIMIQUE S.A.** [CH/CH]; Via al Ponte, 13, CH-6903 Lugano (CH).
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(72, 75) **LUALDI, Paolo** [IT/IT]; Via Baradello, 1, I-22070 Grantade (IT). **DONATI, Elisabetta** [IT/IT]; Via Derta, 6, I-22020 Cavallasca (IT). **RAPAPORT, Irina** [CH/CH]; Via Ai Ronchi, Rovio, CH-6900 Lugano (CH).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20040** (13) A1

(21) PCT/US97/20200

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/748,485 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/705, C12N 15/09, A61K 38/17

(54) NOVEL HISTAMINE H2 RECEPTOR
NOUVEAU RECEPTEUR H2 DE L'HISTAMINE

(63) US 08/748,485 (CIP)
7 Nov/nov 1996 (07.11.1996)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **AU-YOUNG, Janice** [US/US]; 1419 Kains Avenue, Berkeley, CA 94702 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **GOLI, Surya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale, CA 94086 (US). **MURRY, Lynn, E.** [US/US]; 1124 Los Trancos Road, Portola Valley, CA 94028 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20041** (13) A1

(21) PCT/US97/20364

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,718 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/054,533 (32) **4 Aug/Août 1997 (04.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/705

(54) ENDOTHELIUM SPECIFIC EXPRESSION REGULATED BY EPCR CONTROL ELEMENTS
EXPRESSION SPECIFIQUE DE L'ENDOTHELIUM REGULEE PAR DES ELEMENTS REGULATEURS DU RECEPTEUR EPCR

(71) **OKLAHOMA MEDICAL RESEARCH FOUNDATION** [US/US]; 825 N.E. Thirteenth Street, Oklahoma City, OK 73104 (US).

(72) **ESMON, Charles, T.**; 5800 North Stonewall, Oklahoma City, OK 73111 (US). **GU, Jian-Ming**; 3630 North Villa Avenue #2, Oklahoma City, OK 73112 (US).

(74) **PABST, Patrea, L.**; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20042** (13) A1

(21) PCT/US97/20920

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,189 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 14/705 // C12N 15/12

(54) HUMAN BLUE-LIGHT PHOTORECEPTOR hCRY2
PHOTORECEPTEUR HUMAIN DE LUMIERE BLEUE hCRY2

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; Campus Box 4105, Chapel Hill, NC 27599-4105 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEI, Ying-Fei** [CN/US]; 13524 Straw Bale Lane, Gaithersburg, MD 20878 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **SANCAR, Aziz** [US/US]; 311 W. University Drive, Chapel Hill, NC 27516 (US). **HSU, Shiao-Wen, D.** [US/US]; 902 Gatehouse Lane, Durham, NC 27707 (US). **KAZANTSEV, Aleksey, G.** [US/US]; 129 Forsyth Drive, Chapel Hill, NC 27514 (US).

(74) **STEFFE, Eric, K.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20043** (13) A1

(21) PCT/US97/20471

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,725 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C07K 17/08, C12N 5/08 // C07K 16/28

(54) MATERIALS AND PROCEDURES FOR THE PURIFICATION OF CELLS
MATERIAUX ET PROCÉDES POUR LA PURIFICATION DE CELLULES

(71) **MORPHOGENESIS, INC.** [US/US]; 12085 Research Drive, Alachua, FL 32615 (US).

(72) **LAWMAN, Michael**; 5327 N.W. 31st Lane, Gainesville, FL 32606 (US). **LAWMAN, Patricia**; 5327 N.W. 31st Lane, Gainesville, FL 32606 (US).

(74) **PACE, Doran, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20044** (13) A1

(21) PCT/US97/18105

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) en (26) en

(31) 08/740,778 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08B 37/16, A61K 47/48

(54) ACYLATED CYCLODEXTRIN DERIVATIVES
DERIVES DE LA CYCLODEXTRINE ACYLEE

(71) **POLY-MED** [US/US]; 511 Westinghouse Road, Pendleton, SC 29670 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHALABY, Shalaby, W.** [US/US]; 6309 Highway 187, Anderson, SC 29625 (US). **CORBETT, Joel, Thomas** [US/US]; Apartment 27, 807 College Avenue, Clemson, SC 29631 (US).

(74) **TSAO, Y., Rocky**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20045** (13) A1

(21) PCT/US97/19073

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/742,028 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 2/00, 10/00, 2/40

(54) REDUCTION OF FOULING IN OLEFIN POLYMERIZATION SYSTEMS
REDUCTION DE L'ENCRASSEMENT DANS LES SYSTEMES DE POLYMERISATION D'OLEFINES

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **GOODE, Mark, Gregory**; 17 Meadowbrook Circle, Hurricane, WV 25177 (US). **FOSTER, George, Norris**; 236 Turkey Hill Road, Bloomsbury, NJ 08804 (US). **WILLIAMS, Clark, Curtis**; 1105 Skytop Circle, Charleston, WV 25314 (US). **HUSSEIN, Faith, David**; 5403 Bennett Drive, Cross Lane, WV 25313 (US). **LEE, Kiu, Hee**; 1002 Rustling Road, South Charleston, WV 25303 (US). **CANN, Kevin, Joseph**; 31 Montgomery Avenue, Rocky Hill, NJ 08555 (US). **BRADY, Robert, Converse, III**; 657 Strey Lane, Houston, TX 77024 (US).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics, Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) AU BR CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20046** (13) A1

(21) PCT/US97/19077

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/742,029 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 2/00, 36/04, 12/08

(54) PROCESS FOR REDUCING POLYMER BUILD-UP IN RECYCLE LINES AND HEAT EXCHANGERS DURING POLYMERIZATIONS EMPLOYING BUTADIENE, ISOPRENE, AND/OR STYRENE
PROCEDE POUR DIMINUER LA FORMATION DE POLYMERES DANS LES CIRCUITS DE RECYCLAGE ET LES ECHANGEURS THERMIQUES LORS DE POLYMERISATIONS EMPLOYANT LE BUTADIENE, L'ISOPRENE ET/OU LE STYRENE

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **APECETCHE, Maria, Angelica**; Apartment D-12, 200 River Road, Piscataway, NJ 08854 (US). **BAI, Xinlai**; 230 Spencer Street, Piscataway, NJ 08854 (US). **CANN, Kevin, Joseph**; 31 Montgomery Avenue, Rocky Hill, NJ 08552 (US).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) BR CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20047** (13) A1

(21) PCT/US97/19534

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/745,090 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 2/06, 246/00

(54) ISOCYANATES AS REACTIVE DILUENTS IN THE PREPARATION OF POLYMERS
UTILISATION D'ISOCYANATES COMME DILUANTS REACTIFS DANS LA PREPARATION DE POLYMERES

(71) **H.B. FULLER LICENSING & FINANCING, INC.** [US/US]; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US).

(72) **DOCHNIAK, Michael, J.**; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US).

(74) **FISCHER, Carolyn, A.**; 1200 Willow Lake Boulevard, St. Paul, MN 55110-5132 (US) et al. / etc.

(81) BR CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20048** (13) A2

(21) PCT/EP97/06069

(22) **3 Nov/nov 1997 (03.11.1997)**

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(31) 196 45 427.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 2/22, 246/00, 220/54, C09D 157/04

(54) METHOD FOR PRODUCING LOW VISCOSITY AQUEOUS POLYMER DISPERSIONS WITH POLYMODAL DISTRIBUTION OF POLYMER PARTICLE SIZE
 PROCEDE DE FABRICATION DE DISPERSIONS POLYMERES AQUEUSES DE FAIBLE VISCOSITE, A DISTRIBUTION POLYMODALE DES TAILLES DE PARTICULES DE POLYMERES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUPANER, Robert** [DE/DE]; Portugieserring 59, D-67158 Ellerstadt (DE). **SCHUMACHER, Karl-Heinz** [DE/DE]; Am Bürgergarten 30, D-67433 Neustadt (DE). **MÄCHTLE, Walter** [DE/DE]; Dackenhheimer Strasse 23, D-67067 Ludwigshafen (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstrasse 4, D-81679 München (DE).

(81) AU BR CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20049** (13) A1

(21) PCT/US97/19072

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/742,030 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 2/34, 2/42, 36/04

(54) TERMINATION OF GAS PHASE POLYMERIZATIONS OF CONJUGATED DIENES, VINYL-SUBSTITUTED AROMATIC COMPOUNDS AND MIXTURES THEREOF
 ACHEVEMENT DE POLYMERISATIONS EN PHASE GAZEUSE DE DIENES CONJUGUES, DE COMPOSES AROMATIQUES VINYLE-SUBSTITUES ET DE LEURS MELANGES

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **APECETCHE, Maria, Angelica**; Apartment D-12, 290 River Road, Piscataway, NJ 08854 (US). **CANN, Kevin, Joseph**; 31 Montgomery Avenue, Rocky Hill, NJ 08552 (US).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) BR CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 60/029,968 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 4/00, 4/80

(54) POLYMERIZATION OF VINYL MONOMERS
 POLYMERISATION DE MONOMERES VINYLIQUES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) **PERCEC, Virgil** [US/US]; 3482 Roundwood Road, Hunting Valley, OH 44022 (US).

(74) **FRICKE, Hilmar, L.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU BR CA CN JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20051** (13) A1

(21) PCT/US97/15858

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,981 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 6/00, 6/26

(54) SHORT-CYCLE REMOVAL OF IMPURITIES FROM POLYMERS
 ELIMINATION A CYCLE COURT D'IMPURETES A PARTIR DE POLYMERES

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) **DUDA, John, L.**; 602 N. Holmes Street, State College, PA 16803 (US). **ALSOY, Sacide**; 930 Southgate Drive, State College, PA 16801 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, The Pennsylvania State University, 113 Technology Center, University Park, PA 16802 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/741,785 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 8/14, C09D 133/14

(54) NEW POLYMERS, PROCESS FOR MAKING THEM AND COATING COMPOSITIONS CONTAINING THEM, ESPECIALLY THERMOSETTING ACRYLIC GEL COAT COMPOSITIONS
 NOUVEAUX POLYMERES ET LEUR PROCEDE DE FABRICATION, COMPOSITIONS DE REVETEMENT LES CONTENANT, EN PARTICULIER LES COMPOSITIONS A BASE D'ENDUIT GELIFIE ACRYLIQUE THERMODURCISSABLE

(71) **COOK COMPOSITES AND POLYMERS COMPANY** [US/US]; 919 East 14th Avenue, North Kansas City, MO 64116 (US).
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(71) **CRAY VALLEY S.A.** [FR/FR]; Tour Total, 24, cours Michelet, F-92800 Puteaux (FR).
(only for / seulement pour PL)

(72) **CRUMP, Larry, Scott**; 7404 North Park Avenue, Gladstone, MO 64118 (US). **SUSPENE, Laurent, Gerard**; Calle Rodriguez Arias, 69, 6° Drcha, E-48013 Bilbao Vizcaya (ES). **KARR, Gregory, Scott**; 2879 Road G5, Americus, KS 66835 (US). **WILLIAMS, Kerry, R.**; 235 S.W. Pinetree Lane, Lee's Summit, MO 64063 (US).

(74) **CHAILLLOT, Geneviève**; Cabinet Chaillot, 16-20, avenue de l'Agent Sarre, Boîte postale 74, F-92703 Colombes Cedex (FR).

(81) BR CA CZ HU JP KR MX PL SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 196 45 430.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 8/30, C10L 1/22, C10M 133/52

(54) POLYOLEFINS AND THEIR FUNCTIONALIZED DERIVATIVES
 POLYOLEFINES ET LEURS DERIVES FONCTIONNALISES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RATH, Hans, Peter** [DE/DE]; Friedhofstrasse 7, D-67269 Grünstadt (DE). **TRÖTSCH-SCHALLER, Irene** [DE/DE]; Rottwegshohl 11, D-67281 Bissersheim (DE). **POSSELT, Dietmar** [DE/DE]; Ziegelhäuser Landstrasse 7, D-69120 Heidelberg (DE). **GEISLER, Bernhard** [DE/DE]; Oberer Waldweg 18a, D-67281 Kirchheim (DE). **MELDER, Johann-Peter** [DE/DE]; Jahnstrasse 35, D-67141 Neuhofen (DE). **RÖSCH, Joachim** [DE/DE]; Nobelstrasse 16, D-67069 Ludwigshafen (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER**; Ludwigplatz 4, D-67059 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/DE97/02475

(22) **24 Oct/oct 1997 (24.10.1997)**

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(31) 196 45 939.7 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 10/02, 2/34

(54) PROCESS FOR PRODUCING POLYETHYLENE OF VERY HIGH MOLECULAR WEIGHT AND METHOD FOR ACTIVATING THE CATALYST SUPPORT
 MODE DE FABRICATION DE POLYETHYLENE A POIDS MOLECULAIRE EXTREMEMENT ELEVE ET METHODE D'ACTIVATION DU SUPPORT DE CATALYSEUR

(71) **BUNA SOW LEUNA OLEFINVERBUND GMBH** [DE/DE]; D-06258 Schkopau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRITZSCHE, Gerd** [DE/DE]; Pappelstrasse 7, D-06268 Querfurt (DE). **KERRINNES, Heinz-Jürgen** [DE/DE]; Prager Strasse 19, D-06128 Halle (DE). **KREMTZ, Christian** [DE/DE]; Erich-Weinert-Strasse 12, D-06128 Halle (DE). **MILOWSKI, Klaus** [DE/DE]; Jamboler Strasse 50 a, D-06130 Halle (DE).

(74) **BUNA SOW LEUNA OLEFINVERBUND GMBH**; D-06258 Schkopan (DE).

(81) CZ HU PL RU SI US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(25) en (26) en

(31) 08/743,573 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 14/18, 20/22, 2/24, C08L 27/12, 33/16

(54) AQUEOUS FLUOROPOLYMER COMPOSITIONS AND METHOD OF PREPARING THE SAME
COMPOSITIONS DE POLYMERES FLUORE AQUEUX ET LEUR PROCEDURE DE PREPARATION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **FAN, Wei-Qiang**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MANZARA, Anthony, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BURTIS, John, A.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20056** (13) A1

(21) PCT/EP97/05946

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) de (26) de

(31) 196 45 603.7 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 210/02, C08L 23/08, 23/36, C08F 8/32, C10M 149/06, 157/04, C10L 1/18, 1/22, 1/14

(54) CO- AND TERPOLYMERS BASED ON G(A),G(B)-UNSATURATED COMPOUNDS AND G(A),G(B)-UNSATURATED DICARBOXYLIC ACID ANHYDRIDES
COPOLYMERES ET TERPOLYMERES A BASE DE COMPOSES G(A),G(B)-INSATURES ET D'ANHYDRIDES D'ACIDE DICARBOXYLIQUE G(A),G(B)-INSATURES

(71) **CLARIANT GMBH** [DE/DE]; Brüningsstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **KRULL, Matthias**; Eisenbruch 3b, D-46147 Oberhausen (DE). **NAGEL, Waltraud**; Dragoner Strasse 29, D-46147 Oberhausen (DE). **WILDFANG, Raimund**; Hans-Sachs-Strasse 24, D-46147 Oberhausen (DE).

(81) CA JP KR LT LV NO SI; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20057** (13) A1

(21) PCT/KR97/00213

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 1996/51875 (32) **4 Nov/nov 1996 (04.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08F 279/04

(54) A PROCESS FOR PRODUCING THERMOPLASTIC RESINS HAVING HIGH IMPACT STRENGTH
PROCEDE SERVANT A PRODUIRE DES RESINES THERMOPLASTIQUES PRESENTANT UNE RESISTANCE ELEVEE AU CHOC

(71) **LG CHEMICAL LIMITED** [KR/KR]; 20 Yeoeudo-dong, Youngdungpo-ku, Seoul 150-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Chan, Hong** [KR/KR]; 102-901, Lucky Hana Apartment, Shinsung-dong, Yuseong-ku, Daejeon 305-345 (KR). **KIM, Young, Min** [KR/KR]; 8-108, LG Company House, 381-42, Doryong-dong, Yuseong-ku, Daejeon 305-340 (KR). **YOO, Jin, Nyoung** [KR/KR]; 104-1103 Kangbyun Apartment, Mannyun-dong, Seo-ku, Daejeon 302-150 (KR).

(74) **PARK, Hae, Sun** et al. / etc.; 824-19, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20058** (13) A1

(21) PCT/EP97/05610

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 96117643.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08G 18/08, 18/28, 18/66

(54) RIGID POLYURETHANE FOAMS
MOUSSES RIGIDES DE POLYURETHANE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).

(72) **SIEKER, Thomas, Heinrich**; Josef-Schreiner-Strasse 16C, D-94469 Deggendorf (DE). **GABRIELI, Franco**; Via Piave 9, I-21020 Brebbia (IT). **WALRAEDT, Saskia, Rachel**; Hofakkerstraat 14, B-9052 Zwijnaarde (BE).

(74) **SWINNEN, Anne, Marie** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20059** (13) A1

(21) PCT/EP97/05611

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 96117644.3 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08G 18/08, 18/28, 18/66, 18/18

(54) RIGID POLYURETHANE FOAMS
MOUSSES RIGIDES DE POLYURETHANE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).

(72) **SIEKER, Thomas, Heinrich**; Josef-Schreiner-Strasse 16c, D-94469 Deggendorf (DE). **GABRIELI, Franco**; Via Piave, 9, I-21020 Brebbia (IT).

(74) **SWINNEN, Anne, Marie** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20060** (13) A1

(21) PCT/US97/20052

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/742,546 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08G 18/10

(54) A POLYFUNCTIONAL LIQUID URETHANE COMPOSITION
COMPOSITION CONTENANT DE L'URETHANE LIQUIDE POLYFUNCTIONNEL

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Abbott Road, Midland, MI 48674 (US).

(72) **GRUENBAUER, Henri, J., M.**; Schorpioen 45, NL-4501 HC Oostburg (NL). **BARTELINK, Camiel, F.**; Stadhuysplein 25, NL-4531 GZ Terneuzen (NL). **ELWELL, Michael, J.**; Emmausstraat 29, NL-4515 ED IJzendijke (NL). **MOELLER, Martin**; Kaethe-Kollwitz-Weg 39, D-89081 Ulm (DE).

(74) **RUHR, Paula, Sanders**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20061** (13) A1

(21) PCT/US97/18725

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/742,548 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08G 65/26, 18/50

(54) AMINE-INITIATED POLYETHER POLYOLS AND A PROCESS FOR THEIR PRODUCTION
POLYOLS DE POLYETHER INITIÉS PAR AMINE ET PROCÉDE PERMETTANT LEUR PRODUCTION

(71) **BAYER CORPORATION** [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).

(72) **SCHILLING, Steven, L.**; 250 Lynn Haven Drive, Pittsburgh, PA 15228 (US). **DOERGE, Herman, P.**; 9332 Timber Trail, Pittsburgh, PA 15237 (US). **HANUSA, Lotar, H.**; 6966 Edgerton Avenue, Pittsburgh, PA 15208 (US).

(74) **WHALEN, Lyndanne, M.** et al. / etc.; Bayer Corporation, Patent Dept., 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20062** (13) A1

(21) PCT/US97/18909

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/744,548 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08J 5/18, B32B 27/32

(54) FILMS USEFUL IN THE MODIFIED ATMOSPHERE PACKAGING OF PERISHABLE FOOD
FILMS S'UTILISANT DANS LE CONDITIONNEMENT SOUS ATMOSPHERE MODIFIÉE DE DENREES PERISSABLES

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITEMAN, Nichole, F.** [US/US]; 323 Linden Lane, Lake Jackson, TX 77566 (US). **YOUNG, Gina, L.** [US/US]; 127 Plantation Number 1404, Lake Jackson, TX 77566 (US). **WOOSTER, Jeffrey, J.** [US/US]; 201 Almond Street, Lake Jackson, TX 77566 (US).

(74) **WARRICK, Noreen, D.**; Patent Dept. B 1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20063** (13) A1

(21) PCT/NL97/00609

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) nl (26) en

(31) 1004456 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NL

(31) 1006322 (32) **16 Jun/juin 1997 (16.06.1997)** (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08J 5/22

(54) ELECTROLYTIC MEMBRANE, METHOD OF MANUFACTURING IT AND USE
MEMBRANE ELECTROLYTIQUE, SON PROCÉDE DE FABRICATION ET SON UTILISATION

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALLANT, Ronald, Karel, Antoine, Maria** [NL/NL]; Koggewaard 83, NL-1824 GP Alkmaar (NL). **CALIS, Gjsbertus, Hendrikus, Maria** [NL/NL]; Burg. Kengenstraat 60, NL-6336 BK Nuth (NL). **DE BRUIJN, Frank, Albert** [NL/NL]; Canneburg 23, NL-1823 HP Alkmaar (NL).

(74) **MOOIJ, Johannes, Jacobus**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20064** (13) A1

(21) PCT/EP97/05940

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) de (26) de

(31) 196 45 948.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08J 9/20

(54) CONTINUOUS PROCESS FOR PREPARING EXPANDIBLE STYRENE POLYMERS
PROCÉDE CONTINU DE PREPARATION DE STYRENE-POLYMERES EXPANSIBLES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUMGÄRTEL, Michael** [DE/DE]; Hans-Holbein-Strasse 5c, D-67227 Frankenthal (DE). **DEMBEK, Gerhard** [DE/DE]; Wellsring 58, D-67098 Bad Dürkheim (DE). **HAHN, Klaus** [DE/DE]; Im Bügen 9, D-67281 Kirchheim (DE). **HOLOCH, Jan** [DE/DE]; Königsberger Strasse 22a, D-69181 Leimen (DE). **HUSEMANN, Wolfram** [DE/DE]; Josef-Von-Eichendorff-Strasse

4, D-67435 Neustadt (DE). **KAEMPFER, Knut** [DE/DE]; Peterstrasse 1, D-67065 Ludwigshafen (DE). **LAY, Peter** [DE/DE]; Josef-Huber-Strasse 33, D-67071 Ludwigshafen (DE). **RÜCK, Swen** [DE/DE]; Holderbaumstrasse 27, D-67549 Worms (DE). **SCHIESSL, Michael** [DE/DE]; Otto-Hahn-Strasse 11b, D-67454 Haßloch (DE). **WITT, Michael** [DE/DE]; Bodelschwingstrasse 16, D-67246 Dirmstein (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20065** (13) A1

(21) PCT/NL96/00434

(22) **6 Nov/nov 1996 (06.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08K 5/3435

(54) SHAPED POLYOLEFIN ARTICLE STABILISED BY HALS COMPOUNDS
ARTICLE FAÇONNE EN POLYOLEFINE STABILISÉ PAR DES COMPOSES DE HALS

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GLJSMAN, Pieter** [NL/NL]; Felix Ruttenlaan 63, NL-6132 CW Sittard (NL).

(74) **DORRESTIJN, Antoon**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20066** (13) A1

(21) PCT/US97/20209

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,765 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 3/00, 3/10

(54) PLASTIC COMPOSITION
COMPOSITION DE PLASTIQUE

(71) **ICC INDUSTRIES, INC.** [US/US]; 460 Park Avenue, New York, NY 10022 (US). **GRIFFIN CORPORATION** [US/US]; 2509 Rocky Ford Road, Valdosta, GA 31601 (US).

(72) **LEE, Victor**; 538 Avon Avenue S.W., New Philadelphia, OH 44643 (US). **WYKOFF, Ed**; 8019 Windy Lane N.W., Massillon, OH 44646 (US). **CRAWFORD, Mark, A.**; 795 Clayton Drive, Valdosta, GA 31602 (US).

(74) **AUFRICHTIG, Peter, D.**; Aufrichtig Stein & Aufrichtig, P.C., 5th floor, 300 East 42nd Street, New York, NY 10017 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20067** (13) A1

(21) PCT/SE97/01815

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9604004-3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE

(31) 9700425-3 (32) **7 Feb/fév 1997 (07.02.1997)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 17/00, B29C 43/04

(54) PROCESS FOR REUSE OF VULCANIZED RUBBER
PROCEDE DE REUTILISATION DE CAOUTCHOUC VULCANISE

(71, 72) **DEGERMAN, Rolf** [SE/SE]; Basvägen 75, S-931 46 Skellefteå (SE).

(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S-104 35 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20068** (13) A1

(21) PCT/JP97/03987

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/293585 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(31) 9/34724 (32) **19 Feb/fév 1997 (19.02.1997)** (33) JP

(31) 9/54676 (32) **10 Mar/mar 1997 (10.03.1997)** (33) JP

(31) 9/236859 (32) **2 Sep/sep 1997 (02.09.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 23/00, 23/08, 23/26, F16L 11/08

(54) THERMOPLASTIC ELASTOMER COMPOSITIONS, HOSE MADE BY USING THERMOPLASTIC ELASTOMER COMPOSITION, AND PROCESS FOR THE PRODUCTION THEREOF
COMPOSITIONS ELASTOMERES THERMOPLASTIQUES, TUYAU FABRIQUE A PARTIR DE CES COMPOSITIONS ET PROCEDE DE FABRICATION DE CE DERNIER

(71) **THE YOKOHAMA RUBBER CO., LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATANABE, Jiro** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake,

Hiratsuka-shi, Kanagawa 254 (JP). **HARA, Yui-chi** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **IRII, Daisuke** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **SATO, Takashi** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **KAWAGUCHI, Gou** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **YAMAUCHI, Shigeru** [JP/JP]; The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254 (JP). **KURODA, Noriaki** [JP/JP]; 207, Rumiuru Hisasue, 511-70, Hisasue, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105 (JP).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20069** (13) A1

(21) PCT/US97/20407

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,124 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 23/06, 23/08, 23/10, 23/18, 53/02

(54) TPO BLENDS CONTAINING MULTIMODAL ELASTOMERS
MELANGES POLYOLEFINIQUES THERMOPLASTIQUES CONTENANT DES ELASTOMERES MULTIMODAUX

(71) **SOLVAY ENGINEERED POLYMERS** [US/US]; 1205 Avenue H, East, Grand Prairie, TX 75070 (US). **DUPONT DOW ELASTOMERS L.L.C.** [US/US]; Wilmington, DE 19809 (US). **THE DOW CHEMICAL COMPANY** [US/US]; Midland, MI 48674 (US).

(72) **SRINIVASAN, Satchit**; 1921 Branch Hollow Drive, Carrollton, TX 75007 (US). **SZCZEPANIAK, Edward**; 6911 Hawaii Lane, Arlington, TX 76016 (US). **HER, Jhy-Yuan**; 4310 Meriden Court, Grand Prairie, TX 75052 (US). **LAUGHNER, Michael, K.**; 1403 North Road, Lake Jackson, TX 77566 (US). **KARJALA, Teresa, P.**; 56 Mandevilla Court, Lake Jackson, TX 77566 (US).

(74) **FANUCCI, Allan, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LT LU LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20070** (13) A2

(21) PCT/US97/19886

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,412 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 25/06, 67/02, 77/00, C08K 3/00

(54) COMPATIBILIZED BLENDS OF SYNDIOTACTIC POLYSTYRENE WITH FURTHER THERMOPLASTIC POLYMERS
MELANGES RENDUS COMPATIBLES DE POLYSTYRENE SYNDIOTACTIQUE AVEC D'AUTRES POLYMERES THERMOPLASTIQUES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) **FLEXMAN, Edmund, Arthur** [US/US]; 10 Crestfield Road, Wilmington, DE 19810 (US). **KIRCHNER, Olaf, N.** [DE/US]; 1200 Presidential Drive, Wilmington, DE 19807 (US). **SUBRAMANIAN, Pallatheri, Manackal** [US/US]; 110 Cameron Drive, Hockessin, DE 19707 (US).

(74) **FORSTNER, James, A.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20071** (13) A1

(21) PCT/US97/19830

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,123 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 08/960,691 (32) **19 Oct/oct 1997 (19.10.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 27/12, C08K 7/00, C09D 127/12, 5/08, 5/03, C08J 5/18, B32B 27/28 // (C08K 7/00, 3:34)

(54) FILLED FLUOROPOLYMER COMPOSITION FOR CORROSION RESISTANCE
COMPOSITION CONTENANT DU POLYMERE FLUORE ET DES CHARGES, POUVANT RESISTER A LA CORROSION

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **JANSSENS, Ruth**; Ambrosiusteenweg 129, B-1981 Hofstade (BE).

(74) **E.I. DU PONT DE NEMOURS AND COMPANY**; Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20072** (13) A1

(21) PCT/US97/19584

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/746,024 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C08L 53/00, 83/04, C08K 3/22

(54) HIGHLY THERMALLY CONDUCTIVE YET HIGHLY CONFORMABLE ALUMINA FILLED COMPOSITION AND METHOD OF MAKING THE SAME

- COMPOSITION A FORTE CONDUCTIVITE THERMIQUE MAIS NEANMOINS TRES MALLEABLE CHARGE D'ALUMINE ET SON PROCEDE D'OBTENTION
- (71) **RAYCHEM CORPORATION** [US/US]; 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025 (US).
- (72) **MERCER, Frank, W.**; 2535 Somerset Drive, Belmont, CA 94002 (US). **CHING, David, P.**; Apartment 19, 178 Centre Street, Mountain View, CA 94041 (US). **CICHOCKI, Zbigniew**; 6058 Brittany Avenue, Newark, CA 94560 (US). **REAMEY, Robert, H.**; 3187 Stelling Drive, Palo Alto, CA 94303 (US).
- (74) **CHAO, Yuan et al.** / etc.; Raychem Corporation, Intellectual Property Law Dept., 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025 (US).
- (81) AU BR CA CN HU IL JP KR MX RU SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20073** (13) A2
- (21) PCT/EP97/06103
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) TO96A000890 (32) **5 Nov/nov 1996 (05.11.1996)** (33) IT
- (31) TO96A000996 (32) **9 Dec/déc 1996 (09.12.1996)** (33) IT
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C08L 67/02, 67/04, 3/00, C08J 5/18
- (54) BIODEGRADABLE POLYMERIC COMPOSITIONS COMPRISING STARCH AND A THERMOPLASTIC POLYMER COMPOSITIONS POLYMERES BIODEGRADABLES CONTENANT DE L'AMIDON ET UN POLYMERE THERMOPLASTIQUE
- (71) **NOVAMONT S.P.A.** [IT/IT]; Via Fauser, 8, I-28100 Novara (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASTIOLI, Catia** [IT/IT]; Via della Noce, 63, I-28100 Novara (IT). **BELLOTTI, Vittorio** [IT/IT]; Via Mora e Gibin, 9, I-28010 Fontaneto d'Agogna (IT). **CELLA, Gian, Domenico** [IT/IT]; Via Minghetti, 1, I-28100 Novara (IT). **DEL GIUDICE, Luciano** [IT/IT]; Piazzale Siena, 4, I-20146 Milano (IT). **MONTINO, Sandro** [IT/IT]; Via Bellotti, 15, I-27038 Robbio Lomellina (IT). **PEREGO, Gabriele** [IT/IT]; Via Voghera, 20, I-20144 Milano (IT).
- (74) **RAMBELLI, Paolo et al.** / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20074** (13) A1
- (21) PCT/EP97/05795
- (22) **21 Oct/oct 1997 (21.10.1997)**
- (25) de (26) de
- (31) 196 45 131.0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C08L 77/02, C08G 69/16, 69/18, C08J 3/09
- (54) PROCESS FOR PREPARING COMPOSITIONS BASED ON THERMOPLASTIC POLYMERS AND POLYAMIDES
PROCEDE DE PREPARATION DE COMPOSITIONS A BASE DE POLYMERES THERMOPLASTIQUES ET DE POLYAMIDES
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEBER, Martin** [DE/DE]; Diederfeldter Strasse 26, D-67487 Maikammer (DE). **PIPPER, Gunter** [DE/DE]; Schlangenthaler Weg 10, D-67098 Bad Dürkheim (DE). **FISCH, Herbert** [DE/DE]; In der Eselsweide 8, D-67157 Wachenheim (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
- (81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20075** (13) A1
- (21) PCT/US97/20343
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 741,767 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C08L 89/00, C11D 3/38
- (54) RELEASE AGENT COMPOSITION FOR INDUSTRIAL APPLICATION
COMPOSITION D'AGENT ANTIADHERENT POUR APPLICATIONS INDUSTRIELLES
- (71) **BIO-CLEAN, INC.** [US/US]; Suite 205, 2280 South Xanadu Way, Aurora, CO 80014 (US).
- (72) **OLSON, Richard, H.**; 145 West Sylvester Place, Highlands Rand, CO 80126 (US). **MAHONEY, Freeman, G.**; 1233 West Coulee, Bismarck, ND 58501 (US). **KODALI, Dharma, R.**; 710 Olive Lane North, Plymouth, MN 55447 (US).
- (74) **CROMPTON, David, M. et al.** / etc.; Nawrocki, Rooney & Sivertson, P.A., Suite 401, 3433 Broadway Street N.E., Minneapolis, MN 55413 (US).
- (81) AU CA NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20076** (13) A1
- (21) PCT/JP97/04049
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) ja (26) ja
- (31) 8/293633 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C08L 101/00, C08K 7/02, C08L 77/00, 69/00, 23/00, 65/00, B29C 45/00, B29B 11/16 // C08J 5/04
- (54) MOLDING MATERIAL AND PROCESS FOR PREPARING THE SAME
MATIERE A MOULER ET PROCEDE DE PREPARATION DE CETTE DERNIERE
- (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHIBASHI, Soichi** [JP/JP]; Seto-ryo, 1456, Oaza-Tsutsui, Masaki-cho, Iyo-gun, Ehime 791-31 (JP). **KYONO, Tetsuyuki** [JP/JP]; 11-12-901, Iwasaki-cho 2-chome, Matsuyama-shi, Ehime 790 (JP).
- (81) CA CN KR MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20077** (13) A1
- (21) PCT/IB97/01372
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 9622912.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09B 62/09
- (54) DISAZO REACTIVE DYESTUFFS
COLORANTS DISAZO A REACTIVITE DE FIBRE
- (71) **CLARIANT FINANCE (BVI) LIMITED** [--]; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf JP TR US)
- (71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH).
(only for / seulement pour JP TR)
- (72, 75) **NUSSER, Rainer** [DE/DE]; Hörnle 1, D-79395 Neuenburg (DE).
- (74) **D'HAEMER, Jan et al.** / etc.; Clariant International Ltd., Rothausstrasse 61, CH-4132 Muttenz (CH).
- (81) BR CN ID JP MX TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20078** (13) A1
- (21) PCT/JP97/03961
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) ja (26) ja
- (31) 8/305512 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09B 67/22, D06P 3/54
- (54) DYE COMPOSITION AND METHOD FOR DYEING HYDROPHOBIC FIBER WITH THE SAME
COMPOSITION DE TEINTURE ET PROCEDE DE TEINTURE DE FIBRES HYDROPHOBES A L'AIDE DE CETTE COMPOSITION
- (71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAKAMI, Yasuo** [JP/JP]; 3-1-16-512, Nakaooki, Kawaguchi-shi, Saitama-ken 332 (JP). **SATO, Yoshiyuki** [JP/JP]; 690-3, Nakao, Urawa-shi, Saitama-ken 336 (JP). **KIKKAWA, Tsuyoshi** [JP/JP]; 4-31-11, Shimo, Kita-ku, Tokyo 115 (JP).
- (74) **SAEKI, Norio**; 2nd Tsuchiya Building, 9th floor, 30-9, Taito 1-chome, Taito-ku, Tokyo 110 (JP).

(81) CN ID KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20079** (13) A1

(21) PCT/US97/19357

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/743,872 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09C 1/02, 3/00, D21H 17/64

(54) STABILIZED CALCIUM CARBONATE COMPOSITION USING SODIUM SILICATE AND ONE OR MORE WEAK ACIDS OR ALUM COMPOSITION DE CARBONATE DE CALCIUM STABILISE UTILISANT DU SILICATE DE SODIUM ET AU MOINS UN ACIDE FAIBLE OU DE L'ALUM

(71) **ECC INTERNATIONAL INC.** [US/US]; Suite 300, 100 Mansell Court East, Roswell, GA 30076 (US).

(72) **RODRIGUEZ, Jose, M.**; 107 Whipoorwill Court S.E., Eatonton, GA 31024 (US); **SNOWDEN, Kevin**; 514 N. Irwin Street, Milledgeville, GA 31061 (US); **WU, Kuan-Ting**; No. 57-1, Cheng Kung Road, Tuku, Yunlin 633 (TW).

(74) **KIKEL, Suzanne**; ECC International Inc., Calgon Center, 5400 Campbells Run Road, Pittsburgh, PA 15205-1084 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20080** (13) A1

(21) PCT/FR97/01973

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13452 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09C 3/06, 1/36, 1/04, C09D 5/32

(54) PIGMENTS COATED WITH ULTRAVIOLET RADIATION ABSORBENT PIGMENTS REVETUS D'UN AGENT ABSORBANT LE RAYONNEMENT ULTRAVIOLET

(71) **CENTRE NATIONAL D'ETUDES SPATIALES** [FR/FR]; 2, place Maurice Quentin, F-75001 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUILLAUMON, Jean-Claude** [FR/FR]; Chemin d'En Mavran, F-31450 Ayguesvives (FR); **NABARRA, Pascale, Véronique** [FR/FR]; 12, rue d'Emboyer, F-31450 Baziege (FR).

(74) **CABINET DE BOISSE**; L.A. De Boisse - J.P. Colas, 37, avenue Franklin D. Roosevelt, F-75008 Paris (FR).

(81) AU BR CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20081** (13) A1

(21) PCT/JP97/01748

(22) **26 May/mai 1997 (26.05.1997)**

(25) ja (26) ja

(31) 8/295450 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09C 3/08, 3/12

(54) REACTIVE PARTICLES AND PROCESS FOR THE PRODUCTION THEREOF PARTICULES REACTIVES ET LEUR PROCEDE DE PRODUCTION

(71) **KRI INTERNATIONAL, INC.** [JP/JP]; 4-1-2, Hiranomachi, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZAIMA, Hiroaki** [JP/JP]; 1-4-104, Kitashirakawa Oiwake-cho, Sakyo-ku, Kyoto-shi, Kyoto 606 (JP); **KAMBARA, Hajime** [JP/JP]; 23-1, Kitashirakawa Yamanomoto-cho, Sakyo-ku, Kyoto-shi, Kyoto 606 (JP); **CHOW, Tak, Yuen** [JP/JP]; 27-4, Uzumasa Hachioka-cho, Ukyo-ku, Kyoto-shi, Kyoto 616 (JP); **SATO, Kazuyuki** [JP/JP]; 69-14-106, Shimazu, Momoyama-cho, Fushimi-ku, Kyoto-shi, Kyoto 612 (JP).

(74) **KUWATA, Mitsuo** et al. / etc.; Fuyo Building, 10th floor, 3-19, Nishitemma 6-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20082** (13) A1

(21) PCT/CA96/00726

(22) **1 Nov/nov 1996 (01.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09D 7/12, 5/00, C08K 5/132

(54) IMPROVED COATING OR SEALING COMPOSITION COMPOSITION AMELIOREE DE REVETEMENT OU D'ETANCHEITE

(71) **LABORATOIRES CHOISY LTEE** [CA/CA]; 390 Boulevard Saint-Laurent Est, Louiseville, Québec J5V 2L7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAUVETTE, Gaétan** [CA/CA]; 3969 Gareau Street, St-Hubert, Québec J3Y 8Z3 (CA); **LEGENDRE, François** [CA/CA]; 5345 Grenoble Street, Trois-Rivières Ouest, Québec G8Y 3Z4 (CA); **HAMELIN, Richard** [CA/CA]; 5795 Goyer Street, Trois-Rivières Ouest, Québec G8Y 7A8 (CA); **TRUDEAU, Guy, L.** [CA/CA]; 370 Boulevard Saint-Laurent Est, Louiseville, Québec J5V 1H8 (CA).

(74) **BELANGER, Michel**; Robic, 55 St-Jacques Street, Montréal, Québec H2Y 3X2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20083** (13) A1

(21) PCT/IB96/01191

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) fr (26) fr

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09D 7/14, 7/12, E01C 7/35

(54) METHOD FOR MAKING A FILM FORMING COMPOSITION AND FILM FORMING COMPOSITION FOR COVERING A SURFACE PROCEDE DE FABRICATION D'UNE COMPOSITION FILMOGENE ET COMPOSITION FILMOGENE POUR LE RECOUVREMENT D'UNE SURFACE

(71, 72) **BENEDETTI, Charles, André** [MC/MC]; 1, avenue Henri-Dunant, MC-98000 Monaco (MC).

(72, 75) **GRENIER, Jacques** [FR/FR]; Ancienne route du bord-de-mer, F-06700 Saint-Laurent du-Var (FR).

(74) **HAUTIER, Jean, Louis**; Office Méditerranéen de Brevets d'Invention, Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).

(81) AL AM AU BB BG BR CA CN CZ DK EE FI GE HU IL JP KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20084** (13) A1

(21) PCT/AU97/00728

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) PO 3385 (32) **1 Nov/nov 1996 (01.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C09D 11/10, 11/08, 133/02

(54) ALKALINE INK AND COATED SUBSTRATE SUITABLE FOR USE WITH INK JET PRINTERS ENCRE ALCALINES ET SUBSTRATS AVEC REVETEMENT POUR IMPRIMANTES A JET D'ENCRE

(71) **BLAZER TECHNOLOGIES PTY. LTD.** [AU/AU]; 7-11 Grange Road, Carnegie, VIC 3163 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **COLEMAN, Garry, John** [AU/AU]; 39 Piccadilly Crescent, Keysborough, VIC 3173 (AU).

(72, 75) **BONHAM, Alfred, David, Jeremy** [AU/AU]; 9 Grange Road, Carnegie, VIC 3163 (AU).

(74) **SLATTERY, John, M.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20085** (13) A1

(21) PCT/JP96/03271

(22) **7 Nov/nov 1996 (07.11.1996)**

- (25) ja (26) ja
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09J 4/00
- (54) BINDER FOR BUILDING STRUCTURES
LIANT POUR STRUCTURES DE CONSTRUCTION
- (71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YONETANI, Masayuki** [JP/JP]; 4-3-102, Midorigaoka 2-chome, Nobeoka-shi, Miyazaki 882 (JP). **NISHIDA, Seiji** [JP/JP]; 53, Sakurazonocho, Nobeoka-shi, Miyazaki 882 (JP).
- (81) AU BR CA CN KR MX SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20086** (13) A1
- (21) PCT/US97/20688
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) en (26) en
- (31) 08/744,443 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09J 7/02, B05D 5/10, B32B 31/20
- (54) ARTICLE HAVING SLIPPABLE ADHESIVE
ARTICLE POURVU D'UN ADHESIF PERMETTANT SON DEPLACEMENT PAR GLISSEMENT
- (63) US 08/744,443 (CON)
8 Nov/nov 1996 (08.11.1996)
- (71, 72) **QUESTEL, John, M.** [US/US]; 2829 Lakeland Parkway, Cuyahoga Falls, OH 44244 (US). **PENDERY, John, J.** [US/US]; 7515 Andoves Lane, North Royalton, OH 44133 (US).
- (74) **ROBINSON, Joseph, R.** et al. / etc.; Darby & Darby P.C., 805 3rd Avenue, New York, NY 10022 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20087** (13) A1
- (21) PCT/US97/18391
- (22) **8 Oct/oct 1997 (08.10.1997)**
- (25) en (26) en
- (31) 08/745,364 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09J 175/04
- (54) MOISTURE-CURABLE, HOT-MELT COMPOSITION
COMPOSITION THERMOFUSIBLE DURCISABLE A L'HUMIDITE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SHIMIZU, Yoshinori**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **MC GEEHAN, Lisa, M.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20088** (13) A1
- (21) PCT/US97/19411
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) en (26) en
- (31) 08/743,007 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09K 3/00, E21B 43/26
- (54) PREPARATION OF HYDROCARBON GELS FROM FERRIC SOURCES, POLYCARBOXYLIC ACID COMPOUNDS, AND OPTIONAL AMINES, IN COMBINATION WITH PHOSPHATE ESTERS
PREPARATIONS DE GELS D'HYDROCARBURES A PARTIR DE SOURCES FERRIQUES, DE COMPOSES D'ACIDE POLYCARBOXYLIQUE, ET FACULTATIVEMENT D'AMINES COMBINES A DES ESTERS PHOSPHORIQUES
- (71) **CLEARWATER, INC.** [US/US]; 5605 Grand Avenue, Pittsburgh, PA 15225 (US).
- (72) **SMITH, Kevin, W.**; 103 Fairway Road, McMurray, PA 15317 (US). **PERSINSKI, Leonard, J.**; 340 Orchard Spring Road, Pittsburgh, PA 15220 (US).
- (74) **KRAYER, William, L.**; 241 Merion Drive, Pittsburgh, PA 15228 (US).
- (81) CA NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20089** (13) A2
- (21) PCT/US97/19887
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 60/029,971 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (31) 08/943,420 (32) **3 Oct/oct 1997 (03.10.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09K 3/30, 5/04, C08J 9/14
- (54) HYDROFLUOROCARBON COMPOSITIONS
COMPOSITIONS HYDROFLUOROCARBONNEES
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **FELIX, Vinci, Martinez**; 437 E. Street Road, Kennett Square, PA 19348 (US). **MINOR, Barbara, Haviland**; 233 Green Haven Drive, Elkton, MD 21921 (US). **SIEVERT, Allen, Capron**; 215 Rhett Lane, Elkton, MD 21921 (US).
- (74) **KING, Karen, K.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AU BR CA CN ID JP MX NZ RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20090** (13) A1
- (21) PCT/US97/20091
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 08/743,293 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C09K 19/00, 19/02, G02F 1/1335, 1/1337, 1/1347
- (54) LIQUID CRYSTAL FILM STRUCTURES WITH PHASE-RETARDATION SURFACE REGIONS FORMED THEREIN
STRUCTURES DE FILMS A CRISTAUX LIQUIDES DANS LESQUELLES SONT FORMES DES REGIONS SUPERFICIELLES A RETARD DE PHASE
- (71) **REVEO, INC.** [US/US]; 8 Skyline Drive, Hawthorne, NY 10532 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FARIS, Sadeg, M.** [US/US]; 24 Pocantico River Road, Pleasantville, NY 10570 (US).
- (74) **PERKOWSKI, Thomas, J.**; 10 Waldon Road, Darien, CT 06820 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/20091** (13) A1
- (21) PCT/US97/19952
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) 9622844.0 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C11D 1/04, 1/82, 3/39, 3/395
- (54) CLEANSING COMPOSITIONS
COMPOSITIONS DE NETTOYAGE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THURLBY, Owen** [GB/GB]; 24 Flemish Fields, Chertsey, Surrey KT16 8EQ (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) CA CZ HU JP TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20092** (13) A2

(21) PCT/US97/19899

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,757 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 1/86, 3/00

(54) HAND WASH LAUNDRY DETERGENT COMPOSITIONS CONTAINING A COMBINATION OF SURFACTANTS AND SOIL RELEASE POLYMER
COMPOSITIONS DETERGENTES POUR LESSIVE A LA MAIN ET CONTENANT UNE COMBINAISON D'AGENTS TENSIO-ACTIFS ET DE DETACHANT AVANT-LAVAGE SOUS FORME DE POLYMERE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **DE-CERDA, Luisa Navarro**; Urb. Monterrey Calle A Las Cimas Town House Letra D, La Trinidad Caracas (VE). **PRADA-SILVY, Ricardo Alfredo**; Urbanizacion Cumbres de Curumo, Caracas 1080 (VE). **MASSEY-BROOKER, Anju, Deepali**; 41 Polwarth Road, Brunton Park, Gosforth, Newcastle upon Tyne NE3 5NE (GB). **GUEDIRA, Nour-Eddine**; 115D Osborne Road, Jesmond, Newcastle upon Tyne NE2 2TA (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) BR CA CN MX.

(11) **WO 98/20093** (13) A2

(21) PCT/JP97/04024

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) P 9602328 (32) **5 Nov/nov 1996 (05.11.1996)** (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 1/94, 1/00

(54) CONCENTRATED AQUEOUS BETAINE-TYPE SURFACTANT COMPOSITIONS AND PROCESS FOR THEIR PREPARATION
COMPOSITIONS AQUEUSES CONCENTREES D'UN TENSIOACTIF DE TYPE BETAINE ET LEUR PROCEDE DE PREPARATION

(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GONZALEZ, Josep Maria** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E-08210 Barcelona (ES). **BERMEJO, Maria José** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E-08210 Barcelona (ES). **BARCELO, Rosa Maria** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E-08210 Barcelona (ES). **VILARET, Josep** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E-08210 Barcelona (ES). **SISCART, Nuria** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E-08210 Barcelona (ES).

(74) **FURUYA, Kaoru** et al. / etc.; Nihonbashi TM Building, 1-8-11, Nihonbashi-Horidomecho, Chuo-ku, Tokyo 103 (JP).

(81) BR CN ID JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20094** (13) A2

(21) PCT/EP97/06041

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 196 46 759.4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 3/00, A01N 25/02, A61L 2/16, A61K 7/48

(54) COMPOSITIONS FOR DISINFECTION OF SKIN AND MUCOUS MEMBRANE
COMPOSITIONS DE DESINFECTION DE LA PEAU ET DES MUQUEUSES

(71) **AIR LIQUIDE SANTE DEVELOPPEMENT** [FR/FR]; 10, rue Cognacq Jay, F-75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHREND, Sabine** [DE/DE]; Datumer Chaussee 170, D-25421 Pinneberg (DE). **HARKE, Hans-Peter** [DE/DE]; Theodor-Fahr-Strasse 27, D-22419 Hamburg (DE).

(74) **CONAN, Philippe**; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20095** (13) A2

(21) PCT/EP97/06071

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) P 196 47 692.5 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 3/00, A61K 7/48, 7/50, A01N 43/40

(54) WASHING DISINFECTANT FOR HYGIENIC AND SURGICAL HAND DISINFECTION
AGENT ANTISEPTIQUE DE LAVAGE POUR LA DESINFECTION HYGIENIQUE ET CHIRURGICALE DES MAINS

(71) **AIR LIQUIDE SANTE DEVELOPPEMENT** [FR/FR]; 10, rue Cognacq Jay, F-75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHREND, Sabine** [DE/DE]; Datumer Chaussee 170, D-25421 Pinneberg (DE). **GORONCY-BERMES, Peter** [DE/DE]; Egils-kamp 20, D-22145 Hamburg (DE). **MOHR, Michael** [DE/DE]; Kisdorfer Weg 20, D-24568 Kalkenkirchen (DE). **PUCHSTEIN, Burghard** [DE/DE]; Edwin-Scharff-Ring 60, D-22309 Hamburg (DE).

(74) **CONAN, Philippe**; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20096** (13) A1

(21) PCT/US97/19954

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9622845.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 3/10, 3/39, 3/395, 7/54

(54) EFFERVESCENT BLEACH COMPOSITIONS
COMPOSITIONS DE BLANCHIMENT EFFERVESCENTES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUNCE, Samantha, Justine** [GB/GB]; 62 Winchester Road, Ash, Aldershot, Hampshire GU12 6SU (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) CA CZ HU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20097** (13) A1

(21) PCT/US97/19314

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/747,003 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 3/22, 9/00, 15/04, 13/00

(54) GLYCERINE PERSONAL CLEANSING BAR WITH ALKYL POLYGLUCOSIDE
PAIN NETTOYANT GLYCERINE D'HYGIENE PERSONNELLE, CONTENANT UN POLYGLUCOSIDE ALKYLIQUE

(71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

(72) **WHITE, J., Matthew**; 8390 Whitegate Drive, Cincinnati, OH 45152 (US). **GREEN, Tina, M.**; 2nd floor, 1418 Apjones Street, Cincinnati, OH 45223 (US).

(74) **TRZASKA, Steven, J.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

(81) BR CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20098** (13) A1

(21) PCT/US96/17380

(22) **1 Nov/nov 1996 (01.11.1996)**

- (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 3/37, 3/00, 17/04, 1/62, 1/83, 1/14, 3/386
 (54) COLOR CARE COMPOSITIONS
 COMPOSITIONS RESPECTANT LES COULEURS
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **HEIDEN, Ryan, Matthew**; 3322 Cole Road, New Richmond, OH 45157 (US). **MASSCHELEIN, Axel**; Boîte 4, Rue Victor Allard 50, B-1180 Brussels (BE). **SHERMAN, Joseph, Fredrich**; Apartment 232, 7033 Windword Way, Cincinnati, OH 45241 (US). **THOEN, Christiaan, Arthur, Jacques, Kamiel**; Boekweithofstraat 4, B-9120 Haasdonk (BE). **WARD, Richard, Martin**; 9082 Mere Drive, Mason, OH 45040 (US).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20099** (13) A1
 (21) PCT/US97/19790
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) PCT/US96/17380 (32) **1 Nov/nov 1996 (01.11.1996)** (33) WO
 (34) US et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 3/37, 3/00, 17/04, 1/62, 1/83, 1/14, 3/386
 (54) COLOR CARE COMPOSITIONS
 COMPOSITIONS D'ENTRETIEN DES COULEURS
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HEIDEN, Ryan, Matthew** [US/US]; 3322 Cole Road, New Richmond, OH 45157 (US). **MASSCHELEIN, Axel** [BE/BE]; Rue Victor Allard 50, Boîte 4, B-1180 Brussels (BE). **SHERMAN, Joseph, Fredrich** [US/US]; Apartment #232, 7033 Windword Way, Cincinnati, OH 45241 (US). **THOEN, Christiaan, Arthur** [BE/BE]; Boekweithofstraat 4, B-9120 Haasdonk (BE). **WARD, Richard, Martin** [US/US]; 6082 Mere Drive, Mason, OH 45040 (US).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) BR CA CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20100** (13) A1
 (21) PCT/US97/19407
 (22) **28 Oct/oct 1997 (28.10.1997)**
 (25) en (26) en
 (31) 96203075.5 (32) **5 Nov/nov 1996 (05.11.1996)** (33) EP
 (34) BE et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 3/386, 3/02, 3/20
 (54) FOAM DETERGENT COMPOSITION WITH ENZYMES
 COMPOSITION DE DETERGENT SOUS FORME DE MOUSSE AUX ENZYMES
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CUMMING, David, Xavante** [GB/BE]; Rue de Moscou 19, B-1060 Brussels (BE).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) BR CA CZ HU JP MX NO US.
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- (11) **WO 98/20101** (13) A2
 (21) PCT/US97/20213
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/745.164 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 3/39, 3/00
 (54) TUNGSTEN CONTAINING HARD SURFACE BLEACHING COMPOSITION
 COMPOSITION DE BLANCHIMENT DE SURFACES DURES, CONTENANT DU TUNGSTENE
 (71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
 (72) **MISHRA, Bijaya, K.**; Chandrakat Bindha, Balasore, Orissa, 756131 (IN). **FRIBERG, Stig, E.**; Outer Main Street, Pottsdam, NY 13676 (US).
 (74) **BOZEK, Laura, L.** et al. / etc.; S.C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).
 (81) AU CA CN JP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20102** (13) A1
 (21) PCT/US97/18474
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 96870140.9 (32) **7 Nov/nov 1996 (07.11.1996)** (33) EP
 (34) BE et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 3/50, 3/37 // C08G 73/04
 (54) PERFUME COMPOSITIONS
 COMPOSITIONS DE PARFUM
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **THOEN, Christiaan, Arthur, Jacques** [BE/BE]; Boekweithofstraat 4, B-9210 Haasdonk (BE). **MASSCHELEIN, Axel** [BE/BE]; Rue Victor Allard 50, Boîte postale 4, B-1180 Brussels (BE).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) BR CA CN JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20103** (13) A1
 (21) PCT/US96/17373
 (22) **1 Nov/nov 1996 (01.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 17/00, 3/39, 1/14, 3/12
 (54) LOW MOISTURE LAUNDRY DETERGENT BAR WITH IMPROVED PHYSICAL PROPERTIES
 PAIN DETERGENT DE LAVAGE A FAIBLE TENEUR EN HUMIDITE PRESENTANT DES PROPRIETES PHYSIQUES AMELIOREES
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **LATOGA, Gerard, Abellera**; 173 Zanduetta Street, San Fernando, La Union (PH). **DEE, Kennie, Uy**; 22A Sgt. Esguerra Street, Quezon City (PH).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) CN JP MX.
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- (11) **WO 98/20104** (13) A1
 (21) PCT/US97/19165
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) 60/030.610 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ C11D 17/06, 3/10, 3/06, 1/22, 11/04
 (54) NEUTRALIZATION PROCESS FOR MAKING AGGLOMERATE DETERGENT GRANULES
 PROCEDE DE NEUTRALISATION DESTINE A LA FABRICATION DE GRANULES AGGLOMERES DE DETERGENT
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **ADAMS, Donald, Scott**; 4705 Heger Drive, Cincinnati, OH 45217 (US). **PALLARES-GALVAN, Francisco**; Real de Abedules 9-A, Colonia Real de Atizapan, Lopez Mateos, México 52945 (MX).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
 (81) BR CN MX TR.
-
- (11) **WO 98/20105** (13) A1
 (21) PCT/US97/19787
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) 08/742.839 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C11D 17/06, 3/10, 3/08, 3/37, 3/02

(54) GRANULAR LAUNDRY DETERGENT COMPOSITIONS WHICH ARE SUBSTANTIALLY FREE OF PHOSPHATE AND ALUMINOSILICATE BUILDERS
COMPOSITIONS DETERGENTES EN GRANULES POUR LA LESSIVE NE CONTENANT PRATIQUEMENT PAS D'ADJUVANTS A BASE DE PHOSPHATES OU D'ALUMINOSILICATES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WALTERS, Scott, Allan**; 1684 Newbrook Drive, Cincinnati, OH 45231 (US). **WASSERMAN, Matthew, Israel**; 3811 Drakewood Drive, Cincinnati, OH 45209 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) BR CA MX.

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(11) **WO 98/20106** (13) A1

(21) PCT/US97/19636

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/740,729 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12M 1/02, 3/00, B01L 7/02, C12M 1/38

(54) CELL CULTURE INCUBATOR
INCUBATEUR POUR CULTURE CELLULAIRE

(63) US 08/740,729 (CON)
1 Nov/nov 1996 (01.11.1996)

(71) **GENESPAN CORPORATION** [US/US]; 19310 North Creek Parkway, Bothell, WA 98011 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOFFE, Randal, A.** [US/US]; 18123 State Route 530 Northeast, Arlington, WA 98223 (US).

(74) **JOHNSON, John, M.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20107** (13) A1

(21) PCT/JP97/04066

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/309889 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(31) 9/51119 (32) **20 Feb/fév 1997 (20.02.1997)** (33) JP

(31) 9/156094 (32) **30 May/mai 1997 (30.05.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12M 1/28

(54) BACTERIUM DETECTOR
DETECTEUR DE BACTERIES

(71) **SRL, INC.** [JP/JP]; 41-19, Akebono-cho 2-chome, Tachikawa-shi, Tokyo 190 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAMOTO, Toshihiko** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP). **IKENO, Youji** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP). **SHIMOSHIRO, Nobuo** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP). **TAKAMATSU, Atsushi** [JP/JP]; SRL, Inc., 41-19, Akebono-cho 2-chome, Tachikawa-shi, Tokyo 190 (JP). **HOUCHITO, Kazunori** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP). **ABE, Yoshihiko** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP). **SATAKE, Jun-ichi** [JP/JP]; Hachioji Laboratories of SRL, Inc., 51, Komiya-cho, Hachioji-shi, Tokyo 192 (JP).

(74) **MIZUNO, Akinobu**; Gloria Miyamasuzaka III 305, 10-7, Shibuya 1-chome, Shibuya-ku, Tokyo 150 (JP).

(81) AU CN KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20108** (13) A1

(21) PCT/US97/19834

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/741,628 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12M 1/34, 1/36, 3/00, C12N 5/00, C12Q 1/02

(54) A METHOD AND APPARATUS FOR HOLDING CELLS
PROCEDE ET APPAREIL DE CONSERVATION DE CELLULES

(71) **UNIVERSITY OF PITTSBURGH** [US/US]; Office of Technology Transfer and Intellectual Property, 911 William Pitt Union, Pittsburgh, PA 15260 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HOUCK, Raymond K.** [US/US]; 832 12th Street, Oakmont, PA 15139 (US).

(72, 75) **GREENBERGER, Joel, S.** [US/US]; 749 Chestnut Road, Sewickley, PA 15143 (US). **DIMILLA, Paul, A.** [US/US]; 3277 Oaknoll Road, Gibsonsia, PA 15044 (US). **DOMACH, Michael, M.** [US/US]; 5812 Howe Street, Pittsburgh, PA 15232 (US).

(74) **SCHWARTZ, Ansel, M.**; Suite 301, 425 N. Craig Street, Pittsburgh, PA 15213 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20109** (13) A1

(21) PCT/US97/20696

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,023 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12M 3/04, C12P 15/00

(54) PRESSURE-MEDIATED INTRACELLULAR DELIVERY OF MOLECULES OR MICROPARTICLES
ADMINISTRATION INTRACELLULAIRE, ASSISTEE PAR PRESSION, DE MOLECULES OU MICROPARTICULES

(71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Office of Technology Licensing, Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) **MANN, Micheal, J.**; 42 Lincoln Road, Newton, MA 02158 (US). **DZAU, Victor, J.**; 110 Dudley Road, Newton, MA 02159 (US). **GIBBONS, Gary, H.**; 168 Burlington Street, Lexington, MA 02173 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

(81) AU BR CA CN CZ HU ID IL JP KR MX NO NZ PL RU SG UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20110** (13) A1

(21) PCT/US96/17549

(22) **1 Nov/nov 1996 (01.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 1/21, 5/10, 15/12, 15/64, 15/66, 15/70, 15/79, C07K 14/705

(54) HUMAN MUCOSAL ADDRESSIN CELL ADHESION MOLECULE-1 (MADCAM-1) AND SPLICE VARIANTS THEREOF
MOLECULE 1 D'ADHERENCE CELLULAIRE D'ADRESSINE DE MUQUEUSE HUMAINE (MADCAM-1) ET VARIANTS D'EPISSURE DE CETTE DERNIERE

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **THE UNIVERSITY OF AUCKLAND** [NZ/NZ]; 85 Park Road, Grafton, Auckland 1001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NI, Jian** [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US). **GREENE, John, M.** [US/US]; 872 Diamond Drive, Gaithersburg, MD 20878 (US). **KRISSANSEN, Geoffrey, W.** [NZ/NZ]; 157B Grand Drive, St. Johns, Auckland 1001 (NZ). **LEUNG, Euphemia, Yee, Fun** [US/NZ]; 10 Martin Avenue, Remuera, Auckland 1001 (NZ). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US).

(74) **GOLDSTEIN, Jorge, A.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (m); 10 Oct/oct 1996 (10.10.1996)

(11) **WO 98/20111** (13) A1

(21) PCT/US97/20528

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,545 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 1/21, 15/63, 15/67, C12P 21/00

(54) IMPROVED EXPRESSION VECTORS
VECTEURS D'EXPRESSION AMELIORES

- (71) **CYTEL CORPORATION** [US/US]; 3525 John Hopkins Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULTZ, Jody** [US/US]; 2610 East Aloha Street, Seattle, WA 98112 (US). **HERMANSON, Gary** [US/US]; 3159 Via DeCadaldo, Encinitas, CA 92024 (US).
- (74) **SMITH, Timothy, L.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20112** (13) A1

(21) PCT/US97/20320

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 60/030,572 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 5/00, 15/00, A61K 48/00, 49/00

(54) SPARC-DEFICIENT TRANSGENIC MICE SOURIS TRANSGENIQUE PAUVRE EN PROTEINE SPARC

(63) US 60/030,572 (CIP)
7 Nov/nov 1996 (07.11.1996)

(71) **THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY** [US/US]; 3601 Spruce Street, Philadelphia, PA 19104-4268 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOWE, Chin, C.** [US/US]; 414 Brentwood Drive, Wilmington, DE 19850 (US).

(74) **KODROFF, Cathy, A.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/20113** (13) A1

(21) PCT/US97/20391

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,522 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/054,380 (32) **31 Jul/juil 1997 (31.07.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/02, 15/53, 15/29

(54) RECOMBINANT PINORESINOL/LARICRESINOL REDUCTASE, RECOMBINANT DIRIGENT PROTEIN, AND METHODS OF USE
PINORESINOL/LARICRESINOL REDUCTASE RECOMBINANTE, PROTEINE DIRIGEANTE RECOMBINANTE ET PROCÉDES D'UTILISATION

(71) **WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; N.E. 1615 Eastgate Boulevard, Pullman, WA 99164-1802 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEWIS, Norman, G.** [CA/US]; 1710 N.E. Upper Drive, Pullman, WA 99163 (US). **DAVIN, Laurence, B.** [FR/US]; 1710 N.E. Upper Drive, Pullman, WA 99163 (US). **DINKOVA-KOSTOVA, Albena, T.** [BG/US]; Broadview Apartments #1025, 116 W. University Parkway, Baltimore, MD 21210 (US). **FUJITA, Masayuki** [JP/US]; 215 N.W. Anthony #3, Pullman, WA 99163 (US). **GANG, David, R.** [US/US]; 921 S.E. Klemgard Avenue, B-4, Pullman, WA 99163 (US). **SARKANEN, Simo** [FI/US]; 4051 - 39th Avenue S., Minneapolis, MN 55406 (US).

(74) **SHELTON, Dennis, K.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20114** (13) A1

(21) PCT/US97/19646

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/737,855 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/12, 15/54, 15/63, 15/74, 15/79, C07K 14/705

(54) NOVEL RECEPTOR TYROSINE KINASES NOUVELLES TYROSINE KINASES RECEPTRICES

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).

(72) **REITH, Alastair**; 91 Riding House Street, London W1P 8BT (GB). **RUEGG, Markus**; 91 Riding House, London W1P 8BT (GB).

(74) **HANSON, Norman, D.**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

(81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20115** (13) A1

(21) PCT/DK97/00493

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 1236/96 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DK

(31) 0784/97 (32) **2 Jul/juil 1997 (02.07.1997)** (33) DK

(31) 60/052,482 (32) **14 Jul/juil 1997 (14.07.1997)** (33) US

(31) 1198/97 (32) **20 Oct/oct 1997 (20.10.1997)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/54 // C11D 3/386

(54) SUBTILASE VARIANTS AND COMPOSITIONS VARIANTS ET COMPOSITIONS DE SUBTILASE

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Peter, Kamp** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **VON DER OSTEN, Claus** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **BAUDITZ, Peter** [DK/DK]; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).

(74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20116** (13) A1

(21) PCT/DK97/00500

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 1235/96 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DK

(31) 1240/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DK

(31) 0284/97 (32) **14 Mar/mar 1997 (14.03.1997)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/54 // C11D 3/386

(54) SUBTILASE VARIANTS AND COMPOSITIONS VARIANTS DE SUBTILASE ET COMPOSITIONS

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).

(72) **VON DER OSTEN, Claus**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **HALKIER, Torben**; Hestkøbevej 11E, DK-3460 Birkerød (DK). **ANDERSEN, Carsten**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **BAUDITZ, Peter**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK). **HANSEN, Peter, Kamp**; Novo Nordisk a/s, Novo Allé, DK-2880 Bagsværd (DK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20117** (13) A1

(21) PCT/US97/20051

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/744,026 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/64, 15/57(54) PROSTATE-SPECIFIC KALLIKREIN
KALLIKREINE SPECIFIQUE DE LA PROSTATE(63) US 08/744,026 (CIP)
5 Nov/nov 1996 (05.11.1996)(71) **INCYTE PHARMACEUTICALS, INC.**
[US/US]; 3174 Porter Drive, Palo Alto, CA
94304 (US).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Ave-
nue, Mountain View, CA 94043 (US). **GOLI, Su-
rya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale,
CA 94086 (US).(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc.,
3174 Porter Drive, Palo Alto, CA 94304 (US).(81) AT AU BR CA CH CN DE DK ES FI GB IL JP
KR MX NO NZ RU SE SG US; AP (GH KE LS
MW SD SZ UG ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20118** (13) A1

(21) PCT/US97/20376

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,254 (32) **8 Nov/nov 1996** (33) US
(08.11.1996)(31) 60/053,768 (32) **25 Jul/juillet 1997** (33) US
(25.07.1997)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/74, 9/62, 15/62(54) MODIFIED PROTEIN C AND METHODS OF
USE THEREOF
PROTEINE C MODIFIEE ET PROCÉDES
D'UTILISATION CORRESPONDANTS(71) **OKLAHOMA MEDICAL RESEARCH FOUN-
DATION** [US/US]; 825 N.E. Thirteenth Street, Ok-
lahoma City, OK 73104 (US).(72) **ESMON, Charles, T.**; 5800 N. Stonewall, Ok-
lahoma City, OK 73111 (US). **SMIRNOV, Mi-
khail**; 6438 N. Warren #267, Oklahoma City, OK
73116 (US).(74) **PABST, Patrea, L.**; Arnall Golden & Gregory LLP,
2800 One Atlantic Center, 1201 West Peachtree
Street, Atlanta, GA 30309-3450 (US).(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20119** (13) A1

(21) PCT/US97/20385

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,168 (32) **4 Nov/nov 1996** (33) US
(04.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/78, 9/80, 9/14, C12P 7/64, A16K 38/46(54) FATTY-ACID AMIDE HYDROLASE
AMIDE D'ACIDE GRAS HYDROLASE(71) **THE SCRIPPS RESEARCH INSTITUTE**
[US/US]; 10550 North Torrey Pines Road, La
Jolla, CA 92037 (US).(72) **GILULA, Norton, B.**; 11 East Roseland, La Jolla,
CA 92037 (US). **CRAVATT, Benjamin, F.**; 3435
Lebon Drive, No. 1024, San Diego, CA 92122
(US). **LERNER, Richard, A.**; 7750 E. Roseland
Drive, La Jolla, CA 92037 (US).(74) **FITTING, Thomas** et al. / etc.; The Scripps
Research Institute, 10550 North Torrey Pines Road,
TPC-8, La Jolla, CA 92037 (US).(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

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(11) **WO 98/20120** (13) A1

(21) PCT/US97/20298

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,365 (32) **5 Nov/nov 1996** (33) US
(05.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 9/84, 15/00, 1/20, C07H 21/04, C12P
35/00, 37/00(54) MUTANT PENICILLIN G ACYLASES
ACYLASES MUTANTES DE LA PENICILLINE
G(71) **BRISTOL-MYERS SQUIBB COMPANY**
[US/US]; P.O. Box 4000, Princeton, NJ
08543-4000 (US).(72) **YOU, Li**; 6316 Westerly Terrace, Jamesville, NY
13078 (US). **USHER, John, J.**; 486 Summerhaven
Drive, East Syracuse, NY 13057 (US). **WHITE,
Brenda, J.**; 6044 Singletree Lane, Jamesville, NY
13078 (US). **NOVOTNY, Jiri**; 101 Red Hill Road,
Princeton, NJ 08540 (US).(74) **SAVITSKY, Thomas, R.** et al. / etc.;
Bristol-Myers Squibb Company, P.O. Box 4000,
Princeton, NJ 08543-4000 (US).(81) AL AM AT AU AZ BB BG BR BY CA CH CN
CZ DE DK EE ES FI GB GE HU IL IS JP KE KG
KP KR KZ LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK TJ TM TR TT UA UG UZ VN; AP (GH
KE LS MW SD SZ UG ZW); EA (AM AZ BY
KG KZ MD RU TJ TM); EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE); OA
(BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG).(11) **WO 98/20121** (13) A1

(21) PCT/US97/20003

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 60/030,758 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/00, A01K 67/027, C07K 14/705(54) TRANSGENIC ANIMAL EXPRESSING A SYN-
DECAN IN THE REGIONS OF HYPOTHALAM-
MUSANIMAL TRANSGENIQUE EXPRIMANT
UN SYNDECAN DANS LES REGIONS DE
L'HYPOTHALAMUS(71) **CHILDREN'S MEDICAL CENTER CORPO-
RATION** [US/US]; 300 Longwood Avenue,
Boston, MA 02115 (US).(72) **BERNFELD, Merton**; 25 Brimmer Street,
Boston, MA 02108 (US). **REIZES, Ofer**; 246
Watertown Street, Newton, MA 02158 (US).(74) **PABST, Patrea, L.**; Arnall Golden & Gregory LLP,
2800 One Atlantic Center, 1201 West Peachtree
Street, Atlanta, GA 30309-3450 (US).(81) AL AU BA BB BG BR CA CN CU CZ EE GE
HU IL IS JP KP KR LC LK LR LT LV MG MK
MN MW MX NO NZ PL RO SG SI SK SL TR TT
UA UZ VN YU; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20122** (13) A1

(21) PCT/JP97/03992

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/291500 (32) **1 Nov/nov 1996** (33) JP
(01.11.1996)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/10 // C12Q 1/68(54) METHOD FOR FORMING FULL-LENGTH
cDNA LIBRARY
PROCEDE DE FORMATION D'UNE BANQUE
D'ADNc DANS TOUTE SA LONGUEUR(71) **THE INSTITUTE OF PHYSICAL AND CHE-
MICAL RESEARCH** [JP/JP]; 2-1, Hirosawa,
Wakoh-shi, Saitama 351-01 (JP).
(for all designated States except / pour tous les États
désignés sauf US)(72, 75) **HAYASHIZAKI, Yoshihide** [JP/JP]; The Insti-
tute of Physical and Chemical Research, Tsukuba
Life Science Center, 1-1, Koyadai 3-chome, Tsu-
kuba, Ibaraki 305 (JP).(74) **SHIOZAWA, Hisao** et al. / etc.; Towa Yaesu
1-chome Building, 7th floor, 8-12, Yaesu
1-chome, Chuo-ku, Tokyo 103 (JP).(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).(11) **WO 98/20123** (13) A2

(21) PCT/EP97/06095

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 96/13416 (32) **4 Nov/nov 1996** (33) FR
(04.11.1996)(31) 08/874,040 (32) **12 Jun/juin 1997** (33) US
(12.06.1997)

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/12, 15/47, 15/62, 15/85, C07K 14/47,
C12N 5/10, G01N 33/50, 33/577, 33/68(54) STABLE CELL LINES EXPRESSING THE CFTR
PROTEIN OR A MUTANT OF THIS PROTEIN,
TOOL FOR SELECTING MOLECULES HA-
VING AN EFFECT ON THE INTRACELLULAR
TRANSPORT OF THESE PROTEINS
LIGNES CELLULAIRES STABLES EXPRIM-
MANT LA PROTEINE CFTR OU UN MUTANT
DE CETTE PROTEINE, OUTIL POUR SE-
LECTIONNER DES MOLECULES AYANT UN

- EFFET SUR LE TRANSPORT INTRACELLULAIRE DESDITES PROTEINES
- (71) **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).
- (72) **COSTA DE BEAUREGARD, Marie-Alyette**; Institut Curie/CNRS UMR 144, 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **LOUARD, Daniel**; Institut Curie/CNRS UMR 144, 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **ROBINE, Sylvie**; Institut Curie/CNRS UMR 144, 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **EDEL-MAN, Alexandre**; INSERM U 323, Hôpital Necker Enfants Malades, Physiologie et Biophysique des Systèmes de Transport, 156, rue de Vaugirard, F-75730 Paris Cedex 15 (FR). **CHESNOY-MARCHEAIS, Dominique**; CNRS URA 1857, Ecole Normale Supérieure, 45, rue d'Ulm, F-75005 Paris (FR). **CHEN, Ming**; Post-Doc, Hospital for Sick Children, Pr. Buchwald Laboratory, Room 5270, 555 University Avenue, Toronto, Ontario M5S 1X8 (CA). **BÜCHWALD, Manuel**; Post-Doc, Hospital for Sick Children, Pr. Buchwald Laboratory, Room 5270, 555 University Avenue, Toronto, Ontario M5S 1X8 (CA).
- (74) **GUTMANN, Ernest** et al. / etc.; Ernest Gutmann-Yves Plasseraud S.A., 3, rue Chauveau-Lagarde, F-75008 Paris (FR).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20124** (13) A2
(21) PCT/IB97/01627
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) en (26) en
(31) 60/029,324 (32) **25 Oct/oct 1996 (25.10.1996)** (33) US
(31) 60/030,186 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(31) 60/030,088 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(31) 08/897,098 (32) **18 Jul/juil 1997 (18.07.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C12N 15/12, C07K 14/47, A01K 67/027
(54) DIABETES-MEDIATING PROTEINS AND THERAPEUTIC USES THEREOF
PROTEINES MEDIATRICES DU DIABETE ET LEURS UTILISATIONS THERAPEUTIQUES
(63) US 08/897,098 (CIP)
18 Jul/juil 1997 (18.07.1997)
- (71, 72) **MOSE LARSEN, Peter** [DK/DK]; Vestervang 10, 43, DK-8000 Aarhus C (DK). **FEY, Stephen, J.** [GB/DK]; Vestervang 772, DK-8000 Aarhus C (DK). **NERUP, Jørn** [DK/DK]; Bjerggaardsvanget 13, DK-2840 Holte (DK). **KARLSEN, Allan, E.** [DK/DK]; Vibevang 9, DK-3450 Allerød (DK). **BJERRE CHRISTENSEN, Ulla** [DK/DK]; Virum Overdrevsvej 27, DK-2830 Virum (DK). **POCIOT, Flemming** [DK/DK]; Brønshøjholmsalle 48, DK-2700 Brønshøj (DK). **ANDERSEN, Henrik, U.** [DK/DK]; Moellemen 56A, DK-2880 Bagsværd (DK).
- (74) **GOLDSTEIN, Jorge, A.**; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20125** (13) A1
(21) PCT/US97/14649
(22) **20 Aug/Août 1997 (20.08.1997)**
(25) en (26) en
(31) 08/743,690 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C12N 15/12, 5/10, C07K 14/47, C12Q 1/68, A61K 38/17
(54) SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
PROTEINES SECRETEES ET POLYNUCLEOTIDES QUI LES CODENT
(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).
(72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLIE, Edward, R.**; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAUDLING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US).
(74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20126** (13) A1
(21) PCT/US97/15845
(22) **1 Oct/oct 1997 (01.10.1997)**
(25) en (26) en
(31) 60/030,103 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C12N 15/12, C07K 14/47, C12N 9/12, 15/62, C12Q 1/68, G01N 33/50, A61K 38/17, C12N 1/21
(54) NUCLEOTIDE SEQUENCES THAT ENCODE PHOSPHATIDYLINOSITOL-3' KINASE ASSOCIATED PROTEINS AND USES THEREOF
SEQUENCES NUCLEOTIDIQUES CODANT DES PROTEINES ASSOCIEES DE PHOSPHATIDYLINOSITOL-3 KINASE ET LEURS UTILISATIONS
(71) **ONYX PHARMACEUTICALS, INC.** [US/US]; 3031 Research Drive, Richmond, CA 94806 (US).
(72) **BRASELMANN, Sylvia**; 4828 19th Street, San Francisco, CA 94114 (US).
(74) **GIOTTA, Gregory**; 3031 Research Drive, Richmond, CA 94806 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20127** (13) A1
(21) PCT/US97/15851
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 60/029,979 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C12N 15/12, C07K 14/82, 16/32, A61K 38/17, 48/00, G01N 33/574
(54) GUANINE EXCHANGE FACTOR OF RHO GTPASE AND NUCLEIC ACID ENCODING IT
FACTEUR D'ECHANGE DE GUANINE DE RHO GTPASE ET ACIDE NUCLEIQUE QUI LE CODE
(71) **ONYX PHARMACEUTICALS, INC.** [US/US]; 3031 Research Drive, Richmond, CA 94806 (US).
(72) **HART, Matthew, J.**; 1210 Masonic Avenue, Berkeley, CA (US).
(74) **GIOTTA, Gregory**; Onyx Pharmaceuticals, Inc., 3031 Research Drive, Richmond, CA 94806 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20128** (13) A1
(21) PCT/US97/18476
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/748,483 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C12N 15/12, C07K 14/47, C12Q 1/68, A61K 38/17, C07K 16/18, G01N 33/68, C12N 15/11
(54) HUMAN REGULATOR OF G-PROTEIN SIGNALING - (HRGS)
REGULATEUR HUMAIN DE SIGNALISATION DE PROTEINES G (HRGS)
(63) US 08/748,483 (CIP)
8 Nov/nov 1996 (08.11.1996)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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- (72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **GOLL, Surya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale, CA 94086 (US).
(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20129** (13) A1
(21) PCT/US97/19788

- (22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
- (31) 60/030,418 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) 08/787,091 (32) **22 Jan/jan 1997 (22.01.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12N 15/12, C07K 14/47, 16/18, C12N 1/19, 1/21, A61K 38/17, C12Q 1/68, G01N 33/53
- (54) A HUMAN GENE/PROTEIN INVOLVED IN CHRONIC MYELOGENOUS LEUKEMIA GENE/PROTEINE D'ORIGINE HUMAINE ASSOCIE A LA LEUCEMIE MYELOIDE CHRONIQUE
- (63) US 08/787,091 (CIP)
22 Jan/jan 1997 (22.01.1997)
- (71) **COLD SPRING HARBOR LABORATORY** [US/US]; 100 Bungtown Road, Cold Spring Harbor, NY 11724 (US). **SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH** [US/US]; 1275 York Avenue, New York, NY 10021 (US).
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- (72, 75) **CARPINO, Nicholas, A.** [US/US]; Cold Spring Harbor Laboratory, Beckman Building, Cold Spring Harbor, NY 11724 (US). **KOBAYASHI, Ryuji** [JP/US]; 1152 Cove Edge Road, Syosset, NY 11791 (US). **WISNIEWSKI, David, G.** [US/US]; 10 East Raleigh Avenue, Staten Island, NY 10310 (US). **STRIFE, Annabel, O'C.** [US/US]; 200 East 66th Street, New York, NY 10021 (US). **CLARKSON, Bayard, D.** [US/US]; 45 Sutton Place South, New York, NY 10022 (US).
- (74) **GRANAHAN, Patricia** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20130** (13) A2
- (21) PCT/US97/19857
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 08/742,973 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) Not furnished / non communiqué (32) **29 Oct/oct 1997 (29.10.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12N 15/12, 5/10, C07K 14/47, C12Q 1/68, A61K 38/17
- (54) SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLE, Edward, R.**; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAULDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US).
- (74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20131** (13) A1
- (21) PCT/US97/20702
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/748,479 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (31) 08/791,347 (32) **30 Jan/jan 1997 (30.01.1997)** (33) US
- (31) 08/822,999 (32) **21 Mar/mar 1997 (21.03.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12N 15/12, C07K 14/47, 16/18, A61K 39/395, G01N 33/53, C12Q 1/68, C12N 15/11, A61K 31/70, A01K 67/027
- (54) GLAUCOMA-ASSOCIATED PROTEIN AND CORRESPONDING NUCLEIC ACID AND THEIR THERAPEUTIC AND DIAGNOSTIC USES PROTEINE ASSOCIEE AU GLAUCOME, ACIDE NUCLEIQUE CORRESPONDANT ET LEURS UTILISATIONS DIAGNOSTIQUES ET THERAPEUTIQUES
- (71) **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; Oakdale Research Campus, 100 Oakdale Campus #214TIC, Iowa City, IA 52242-5000 (US).
- (72) **STONE, Edwin, M.**; 534 Woodridge Avenue, Iowa City, IA 52245 (US). **SHEFFIELD, Val**; 13 Oak Park Place, N.E., Coralville, IA 52240 (US). **ALWARD, Wallace, L., M.**; 2015 Ridgeway Drive, Iowa City, IA 52245 (US).
- (74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20132** (13) A1
- (21) PCT/US97/20204
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/744,670 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12N 15/15, C07K 14/81, 16/38, C12Q 1/68, G01N 33/577
- (54) TUMOR-ASSOCIATED KAZAL INHIBITOR WITH PEC-60 HOMOLOGY INHIBITEUR DE KAZAL ASSOCIE AUX TUMEURS ET HOMOLOGUE DE PEC-60
- (63) US 08/744,670 (CIP)
6 Nov/nov 1996 (06.11.1996)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **GOLI, Surya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale, CA 94086 (US). **MURRY, Lynn, E.** [US/US]; 1124 Los Trancos Road, Portola Valley, CA 94028 (US).
- (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AT AU CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/20133** (13) A2
- (21) PCT/US97/20441
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 08/740,682 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12N 15/29, 15/82, C07K 14/415, 14/81, A01H 5/00, A23K 1/00, A23L 1/29, 1/305
- (54) PROTEINS WITH ENHANCED LEVELS OF ESSENTIAL AMINO ACIDS PROTEINES A CONCENTRATION AMELIOREE EN ACIDES AMINES ESSENTIELS
- (63) US 08/740,682 (CIP)
1 Nov/nov 1996 (01.11.1996)
- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAO, Aragala, Gururaj** [US/US]; 4734 74th Street, Urbandale, IA 50322-1158 (US). **ROESLER, Keith, R.** [US/US]; 3928 Patricia Drive, Urbandale, IA 50322 (US).
- (74) **MICHEL, Marianne, H.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20134** (13) A1
- (21) PCT/JP97/04019
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) ja (26) ja

(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 60/030,761 (32) 6 Nov/nov 1996 (06.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/57, 9/64, C07K 16/40, A61K 38/395, G01N 33/574

(54) ISOLATED TUMOR NECROSIS FACTOR RECEPTOR RELEASING ENZYME, COMPOSITIONS COMPRISING THE ENZYME AND METHODS OF THE USE THEREOF
 ENZYME ISOLEE, LIBERANT LE RECEPTEUR DU FACTEUR NECROSANT DES TUMEURS, COMPOSITIONS CONTENANT CETTE ENZYME ET PROCEDE D'UTILISATION DE CELLES-CI

(63) US 60/030,761 (CIP) 6 Nov/nov 1996 (06.11.1996)

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
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(72, 75) GRANGER, Gale, A. [US/US]; 31562 Santa Rosa, Laguna Beach, CA 92651 (US). GATA-NAGA, Tetsuya [JP/US]; Apartment A, 2008 Los Trancos Drive, Irvine, CA 92612 (US).

(74) LEHNHARDT, Susan, K. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/EP97/05947

(22) 28 Oct/oct 1997 (28.10.1997)

(25) en (26) en

(31) 96203051.6 (32) 1 Nov/nov 1996 (01.11.1996) (33) EP

(34) GB et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/62, C07K 16/00, 16/46, 1/22, A61K 39/385, 39/395

(54) SECRETORY IMMUNOGLOBULIN A AS A MUCOSAL VACCINE DELIVERY SYSTEM
 IMMUNOGLOBULINE A (IgA) SECRETOIRE UTILISEE COMME SYSTEME D'ADMINISTRATION DE VACCIN PAR VOIES MUQUEUSES

(71) INSTITUT SUISSE DE RECHERCHES EXPERIMENTALES SUR LE CANCER, ISREC [CH/CH]; Chemin de Boveresses 155, CH-1066 Epalinges (CH).
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(72, 75) KRAEHNBUHL, Jean-Pierre [CH/CH]; Sous-la-Croix, CH-1812 Rivaz (CH). CORTHESEY, Blaise [CH/CH]; Chemin du Polny 34C, CH-1066 Epalinges (CH). KAUFMANN, Muriel [CH/CH]; Route de la Goille, CH-1073 Savigny (CH). PEITSCH, Manuel [CH/CH]; En Jaquerod, CH-1866 La Forclaz (CH).

(74) ARNOLD, Winfried, K., M.; Brügglistrasse 9, CH-4104 Oberwil (CH).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KE KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/GB97/03058

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(31) 9623236.8 (32) 7 Nov/nov 1996 (07.11.1996) (33) GB

(31) 9715674.9 (32) 24 Jul/juil 1997 (24.07.1997) (33) GB

(31) 9719350.2 (32) 11 Sep/sep 1997 (11.09.1997) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/63, 15/85, 5/18, C07K 14/705, 16/28, 19/00, G01N 33/50, 33/53, A61K 38/17

(54) NOTCH NOTCH

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(74) MALLALIEU, Catherine, Louise; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 08/744,211 (32) 5 Nov/nov 1996 (05.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/63, 5/10, C12Q 1/68, C07K 14/47 // 16/30, G01N 33/574

(54) REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE LUNG
 REACTIFS ET PROCEDES POUR LE DEPISTAGE DE MALADIES PULMONAIRES

(71) ABBOTT LABORATORIES [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

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(74) WEINSTOCK, Steven, F.; Abbott Laboratories, D-377 AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US) et al. / etc.

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/GB97/02996

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(25) en (26) en

(31) 9623248.3 (32) 7 Nov/nov 1996 (07.11.1996) (33) GB

(31) 9625957.7 (32) 13 Dec/déc 1996 (13.12.1996) (33) GB

(31) 9703855.8 (32) 25 Feb/fév 1997 (25.02.1997) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/82, 15/53, 15/54, 15/55, 15/60, A01H 5/00

(54) HERBICIDE RESISTANT PLANTS
 PLANTES RESISTANTES AUX HERBICIDES

(71) ZENECA LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
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(74) GAAL, Jozsef, Christopher et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20145 (13) A2

(21) PCT/GB97/03032

(22) 4 Nov/nov 1997 (04.11.1997)

(25) en (26) en

(31) 9623095.8 (32) 5 Nov/nov 1996 (05.11.1996) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/82, 9/10, C12Q 1/68, C12N 1/21, 15/54, A01H 5/00

(54) IMPROVEMENTS IN OR RELATING TO STARCH CONTENT OF PLANTS
AMELIORATIONS DANS LA TENEUR DE PLANTES EN AMIDON OU LA CONCERNANT

(71) **NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION** [US/US]; Suite 27, 501 Silverside Road, Wilmington, DE 19809 (US).
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(74) **KEITH W NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AU BR CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20146** (13) A2

(21) PCT/US97/19860

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,109 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 08/833,747 (32) **11 Apr/avr 1997 (11.04.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12N 15/87, 15/85

(54) STABILIZED TRANSIENT GENE EXPRESSION EXPRESSION GENIQUE TRANSITOIRE STABILISEE

(63) US 08/833,747 (CIP)
11 Apr/avr 1997 (11.04.1997)

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(74) **SHEINESS, Diana, K.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20147** (13) A1

(21) PCT/US97/19594

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,274 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 13/20

(54) IMPROVED PROCESS FOR THE PRODUCTION OF L-ASPARTIC ACID
PROCEDE AMELIORE DE PRODUCTION D'ACIDE L-ASPARTIQUE

(71) **SOLUTIA INC.** [US/US]; 10300 Olive Boulevard, P.O. Box 67760, St. Louis, MO 63166 (US).
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(74) **SIECKMANN, Gordon, E.**; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20148** (13) A1

(21) PCT/US96/17535

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 19/34, G01N 27/26, 33/53

(54) METHOD FOR DETECTION OF PATHOGENS IN FOOD
PROCEDE DE DETECTION DE PATHOGENES DANS DES ALIMENTS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
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(74) **ADRIANO, Sarah, B.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20149** (13) A1

(21) PCT/JP97/03441

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) ja (26) ja

(31) 8/294699 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 21/02

(54) PROCESS FOR PROODUCING METHYL α -L-ASPARTYL-L-PHENYLALANINATE OR α -L-ASPARTYL-L-PHENYLALANINE
PROCEDE DE PRODUCTION DE α -L-ASPARTYL-L-PHENYLALANINE OU DE α -L-ASPARTYL-L-PHENYLALANINATE METHYLIQUE

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).
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(72, 75) **KIRA, Ikuo** [JP/JP]; Ajinomoto Co., Inc., Central Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP).
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(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).

(81) US; EP (DE FR GB IT).

(11) **WO 98/20150** (13) A1

(21) PCT/JP97/04067

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/294986 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 33/00, C12N 9/04, 1/20, A23L 1/29

(54) PROCESS FOR PREPARING CHOLESTEROL-LOWERING COMPOUND
PROCEDE DE PREPARATION D'UN COMPOSE DESTINE A BAISSER LE TAUX DE CHOLESTEROL

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100 (JP).
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(72, 75) **SAITOH, Chiaki** [JP/JP]; 4281-5, Ami, Ami-machi, Inashiki-gun, Ibaraki-ken 300-03 (JP).
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(74) **HIROTA, Masanori**; Akasakaaoi Building No. 11, Room 502, 8-11, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).

(81) AU BG BR CA CN CZ HU JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20151** (13) A1

(21) PCT/GB97/03003

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 9622884.6 (32) **2 Nov/nov 1996 (02.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 33/02, 33/08, 33/12, C07J 5/00

(54) A METHOD FOR THE PREPARATION OF STEROID COMPOUNDS
PROCEDE DE PREPARATION DE COMPOSES STEROIDES

(71) **KYMED LIMITED** [GB/GB]; Magdalen Centre, The Oxford Science Park, Robert Robinson Avenue, Oxford OX4 4GA (GB).
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(74) **KEITH W. NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 8/292934 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12P 41/00

(54) PROCESS FOR PRODUCING OPTICALLY ACTIVE 3-QUINUCLIDINOL DERIVATIVES
PROCEDE POUR PRODUIRE DES DERIVES OPTIQUEMENT ACTIFS DU 3-QUINUCLIDINOL

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 3-19, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP), (for all designated States except / pour tous les États désignés sauf US)

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(74) **HIRAKI, Yusuke** et al. / etc.; Toranomom No. 5 Mori Building, 3rd floor, 17-1, Toranomom 1-chome, Minato-ku, Tokyo 105 (JP).

(81) CN IL NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20153** (13) A1

(21) PCT/CA97/00823

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 2,189,486 (32) **4 Nov/nov 1996 (04.11.1996)** (33) CA

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/00, G01N 33/58, 15/14

(54) FLUORESCENCE-LABELED SUBSTRATES AND THEIR USE TO ANALYZE ENZYME ACTIVITY USING FLOW CYTOMETRY
SUBSTRATS A MARQUAGE FLUORESCENT ET LEUR UTILISATION POUR ANALYSER UNE ACTIVITE ENZYMATIQUE PAR CYTOMETRIE DE FLUX

(71) **INSTITUTE ARMAND-FRAPPIER** [CA/CA]; 531, boulevard des Prairies, Case postale 100, Laval, Quebec H7N 4Z3 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ST-PIERRE, Yves** [CA/CA]; 11, Cantin Street, St. Rose, Laval, Quebec H7L 2W7 (CA).

(74) **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/19729

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(31) 08/742,620 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/00, 1/04, 1/26, 1/37

(54) IDENTIFICATION OF BLAST CELLS IN A LEUKOCYTE CELL PREPARATION
IDENTIFICATION DE CELLULES BLASTIQUES DANS UNE PREPARATION DE LEUCOCYTES

(71) **COULTER INTERNATIONAL CORP.** [US/US]; 11800 S.W. 147 Avenue, Mail Code 32-A02, Miami, FL 33196 (US).

(72) **KUYLEN, Nazle**; 16055 S.W. 109 Street, Miami, FL 33196 (US). **CREWS, Harold, R.**; 8960 N.W. 11th Street, Pembroke Pines, FL 33024 (US). **JAFFE, Gerald, E.**; 8621 N.W. 19th Street, Pembroke Pines, FL 33024 (US). **BARCELON, Maria**; 9421 Evergreen Place #204, Ft. Lauderdale, FL 33324 (US). **LUCAS, Francis, J.**; 2143 Bethel Boulevard, Boca Raton, FL 33431 (US). **GARCIA, Nancy, M.**; 11348 S.W. 4th Street, Miami, FL 33174 (US).

(74) **KURZ, Warren** et al. / etc.; Coulter International Corp., Mail Code 32-A02, P.O. Box 169015, Miami, FL 33116-9015 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(25) en (26) en

(31) 60/029,719 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/02, G01N 33/564, 33/566, 33/569, 33/574

(54) DIAGNOSTIC METHODS USING CD40 LIGAND ASSAY
PROCEDE DE DIAGNOSTIC FAISANT APPEL A UN DOSAGE DE LIGAND CD40

(71) **NEW YORK SOCIETY FOR THE RUPTURED AND CRIPPLED MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY** [US/US]; 535 East 70th Street, New York, NY 10021 (US).

(72) **CROW, Mary, K.**; 17 East 89th Street, New York, NY 10028 (US). **VAKKALANKA, Radha, Krishna**; 525 East 71st Street, New York, NY 10021 (US).

(74) **LUDWIG, S., Peter** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20156** (13) A1

(21) PCT/CA97/00825

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,408 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/34, C12N 11/00, C07K 7/06

(54) HYDROLASE BINDING ASSAY
TEST DE LIAISON D'HYDROLASES

(71) **MERCK FROSST CANADA INC.** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESMARAIS, Sylvie** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **FRIESEN, Richard** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **GRÉSSER, Michael** [US/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **KENNEDY, Brian** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **NICHOLSON, Don** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **RAMACHANDRAN, Chidambaran** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **SKOREY, Kathryn** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA). **FORD-HUTCHINSON, Anthony** [CA/CA]; 16711 Trans Canada Highway, Kirkland, Quebec H9H 3L1 (CA).

(74) **MURPHY, Kevin, P.**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College, Montreal, Quebec H3A 2Y3 (CA).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20157** (13) A2

(21) PCT/CA97/00829

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(31) 08/743,637 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/68

(54) SPECIES-SPECIFIC, GENUS-SPECIFIC AND UNIVERSAL DNA PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND IDENTIFY COMMON BACTERIAL AND FUNGAL PATHOGENS AND ASSOCIATED ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS FOR DIAGNOSIS IN MICROBIOLOGY LABORATORIES
SONDES ADN ET AMORCES AMPLIFICATION UNIVERSELLES SPECIFIQUES A UNE ESPECE, SPECIFIQUES A UN GENE, DESTINEES A DETECTER ET IDENTIFIER RAPIDEMENT DES PATHOGENES BACTERIENS ET FONGIQUES ET DES GENES RESISTANT A DES ANTIBIOTIQUES ASSOCIEES A PARTIR DE PRELEVEMENTS CLINIQUES, EN VUE D'UN DIAGNOSTIC EN LABORATOIRE DE MICROBIOLOGIE

(71) **INFECTIO DIAGNOSTIC (I.D.I.) INC.** [CA/CA]; 4^{ème} étage, 2050, boulevard René Lévesque Ouest, Sainte-Foy, Québec G1V 2K8 (CA).
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(72, 75) **BERGERON, Michel, G.** [CA/CA]; 2069, rue Brûlard, Sillery, Québec G1T 1G2 (CA). **PI-CARD, François, J.** [CA/CA]; 1245, rue de la Sapinière, Cap-Rouge, Québec G1Y 1A1 (CA). **OUELLETTE, Marc** [CA/CA]; 1035 de Ploermel, Sillery, Québec G1S 3S1 (CA). **ROY, Paul, H.** [US/US]; 28, rue Charles Garnier, Loretteville, Québec G2A 2X8 (CA).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Québec H4Z 1E9 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/GB97/02988

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9622866.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622867.1 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622865.5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622869.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622847.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622849.9 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622851.5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622870.5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622868.9 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622848.1 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9622850.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/68, C07K 14/72, 14/575, 14/47, G01N 33/50 // C12N 15/12

(54) METHOD FOR THE DETECTION OF COMPOUNDS THAT MODULATE THE EFFECTS OF THE OBESE (OB) PROTEIN PROCEDE POUR LA DETECTION DE COMPOSES MODULANT LES EFFETS DE LA PROTEINE DE L'OBESITE (OB)

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(74) **RUTTER, Keith**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20159** (13) A1

(21) PCT/IL97/00354

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 119587 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/68, 1/70, G01N 33/53, C07K 5/00, 13/00, 15/28, A61K 49/00

(54) REPRESENTATIONS OF BIMOLECULAR INTERACTIONS REPRESENTATIONS D'INTERACTIONS BIMOLECULAIRES

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(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim Street 7, 67897 Tel Aviv (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20160** (13) A1

(21) PCT/US97/19896

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/745,228 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/766,439 (32) **12 Dec/déc 1996 (12.12.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/68, C12N 15/11

(54) GENETIC MARKERS AND METHODS FOR THE DETECTION OF *LISTERIA MONOCYTOGENES* AND *LISTERIA SPP* MARQUEURS GENETIQUES ET PROCEDES DE DETECTION SPECIFIQUES DE *LISTERIA MONOCYTOGENES* ET AUTRES ESPECES *LISTERIA*

(63) US 08/745,288 (CIP)

US 8 Nov/nov 1996 (08.11.1996)

US 08/766,439 (CIP)

12 Dec/déc 1996 (12.12.1996)

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(74) **MAJARIAN, William, R.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,159 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C12Q 1/68, C07H 21/04, A61K 48/00

(54) METHODS FOR IDENTIFYING GENES ESSENTIAL TO THE GROWTH OF AN ORGANISM PROCEDES D'IDENTIFICATION DE GENES INDISPENSABLES A LA CROISSANCE D'UN ORGANISME

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(74) **GIMMI, Edward, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20162** (13) A2

(21) PCT/US97/20014

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/743,798 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(31) 60/040,155 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US

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(31) 08/873,978 (32) **12 Jun/juin 1997 (12.06.1997)** (33) US

(31) 08/899,510 (32) **24 Jul/juil 1997 (24.07.1997)** (33) US

(31) 08/911,085 (32) **14 Aug/Août 1997 (14.08.1997)** (33) US

- (31) 08/911,589 (32) **14 Aug/Août 1997** (33) US (14.08.1997)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68
- (54) ELECTRODES LINKED VIA CONDUCTIVE OLIGOMERS TO NUCLEIC ACIDS
ELECTRODES RELIEES PAR L'INTERMEDIAIRE D'OLIGOMERES CONDUCTEURS A DES ACIDES NUCLEIQUES
- (71) **CLINICAL MICRO SENSORS** [US/US]; 101 Waverly Drive, Pasadena, CA 91105 (US).
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- (74) **SILVA, Robin, M.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20163** (13) A1
- (21) PCT/US97/20103
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) en (26) en
- (31) 08/744,983 (32) **7 Nov/nov 1996** (33) US (07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68
- (54) METHOD OF IDENTIFYING PHARMACEUTICALS FROM PLANT EXTRACTS
PROCEDES D'IDENTIFICATION D'AGENTS PHARMACEUTIQUES A PARTIR D'EXTRAITS DE VEGETAUX
- (71) **BIOMEASURE INCORPORATED** [US/US]; 27 Maple Street, Millford, MA 01757-3650 (US).
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- (72, 75) **BEAUFOUR, Albert** [FR/GB]; 14 Kensington Square, London W8 5HH (GB). **MOREAU, Jacques-Pierre** [US/US]; 159 Westboro Road, Upton, MA 01568 (US).
- (74) **TSAO, Y., Rocky**; Fish & Richardson PC, 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20164** (13) A1
- (21) PCT/US97/20156
- (22) **4 Nov/nov 1997** (04.11.1997)
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- (31) 60/029,934 (32) **4 Nov/nov 1996** (33) US (04.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68, C12P 19/34, C12N 13/00
- (54) MATRIX MILL FOR DNA EXTRACTION
BROYEUR A MATRICE PERMETTANT L'EXTRACTION D'ADN
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).
- (72) **WEEDEN, Norman, F.**; 395 White Springs Road, Geneva, NY 14456 (US). **LOOMIS, Dale**; P.O. Box 329, Watkins Glen, NY 14891 (US). **CELESTE, Joseph, A.**; P.O. Box 329, Watkins Glen, NY 14891 (US).
- (74) **BROWN, Michael, F.**; Brown, Pinnisi & Michaels, P.C., 400 M & T Bank Building, 118 N. Tioga Street, Ithaca, NY 14850 (US).
- (81) AU CA NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20165** (13) A2
- (21) PCT/US97/20313
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) en (26) en
- (31) 60/030,455 (32) **6 Nov/nov 1996** (33) US (06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68
- (54) BIALLELIC MARKERS
MARQUEURS BIALLELIQUES
- (71) **WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH** [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US).
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- (72, 75) **LANDER, Eric, S.** [US/US]; 151 Bishop Allen Drive, Cambridge, MA 02138 (US). **WANG, David** [CN/US]; Apartment 314, 276 Massachusetts Avenue, Arlington, MA 02173 (US). **HUDSON, Thomas** [CA/US]; 361 Metcalfe Avenue, Westmount, Quebec H3Z 2J2 (CA).
- (74) **GRANAHAN, Patricia** et al. / etc.; Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173 (US).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20166** (13) A2
- (21) PCT/US97/20444
- (22) **6 Nov/nov 1997** (06.11.1997)
- (25) en (26) en
- (31) 08/744,481 (32) **6 Nov/nov 1996** (33) US (06.11.1996)
- (31) 08/746,036 (32) **6 Nov/nov 1996** (33) US (06.11.1996)
- (31) 08/746,055 (32) **6 Nov/nov 1996** (33) US (06.11.1996)
- (31) 08/744,590 (32) **6 Nov/nov 1996** (33) US (06.11.1996)
- (31) 08/786,988 (32) **23 Jan/jan 1997** (33) US (23.01.1997)
- (31) 08/787,639 (32) **23 Jan/jan 1997** (33) US (23.01.1997)
- (31) 08/933,792 (32) **19 Sep/sep 1997** (33) US (19.09.1997)
- (31) 08/947,801 (32) **8 Oct/oct 1997** (33) US (08.10.1997)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68
- (54) DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
DIAGNOSTICS DE L'ADN FONDES SUR LA SPECTROMETRIE DE MASSE
- (71) **SEQUENOM, INC.** [US/US]; 11555 Sorrento Valley Road, San Diego, CA 92121 (US).
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- (74) **SEIDMAN, Stephanie, L.**; Brown Martin Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20167** (13) A1
- (21) PCT/US97/20844
- (22) **6 Nov/nov 1997** (06.11.1997)
- (25) en (26) en
- (31) 60/029,978 (32) **7 Nov/nov 1996** (33) US (07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68
- (54) DIAGNOSTIC ASSAY FOR BREAST CANCER SUSCEPTIBILITY
METHODE DIAGNOSTIQUE POUR DETERMINER LA PREDISPOSITION D'UN SUJET A DEVELOPPER UN CARCINOME MAMMAIRE
- (71) **OKLAHOMA MEDICAL RESEARCH FOUNDATION** [US/US]; Suite 100, 800 Research Parkway, Oklahoma City, OK 73104 (US).
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- (72, 75) **JUPE, Eldon, R.** [US/US]; 2105 Harbor Drive, Norman, OK 73071 (US). **THOMPSON, Linda, F.** [US/US]; 1619 Westminster Place, Oklahoma City, OK 73120 (US). **RESTA, Regina** [US/US]; 45 Middlesex Drive, Slingerslands, NY 12159 (US). **DELL'ORCO, Robert, T.** [US/US]; Apartment

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- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20168** (13) A1
- (21) PCT/US97/20910
- (22) **3 Nov/nov 1997 (03.11.1997)**
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- (31) 08/740,821 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/68, C07H 21/04, C12N 15/11, 15/85, A61K 48/00
- (54) ANTISENSE OLIGONUCLEOTIDES
OLIGONUCLEOTIDES ANTISENS
- (71) **DUKE UNIVERSITY** [US/US]; Erwin Road, Durham, NC 27706 (US).
- (72) **MARKS, Jeffrey, R.**; 118 Bonaparte Drive, Hillsborough, NC 27278 (US). **VAUGHN, James, P.**; 3328 Swansea Street, Durham, NC 27707 (US). **INGLEHART, James, D.**; 310 Watts Street, Durham, NC 27701 (US).
- (74) **SIBLEY, Kenneth, D.** et al. / etc.; Myers Bigel Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20169** (13) A1
- (21) PCT/IL97/00353
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 119586 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IL
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C12Q 1/70, G01N 33/53, C12P 21/04, A61K 38/00, C07K 16/00, C07H 21/02
- (54) DETERMINATION AND CONTROL OF BIMOLECULAR INTERACTIONS
DEFINITION ET GESTION D'INTERACTIONS BIMOLECULAIRES
- (71) **RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & INDUSTRIAL DEVELOPMENT LTD.** [IL/IL]; P.O. Box 39296, 61392 Tel Aviv (IL).
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- (74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haaminim Street 7, 67897 Tel Aviv (IL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20170** (13) A1
- (21) PCT/US97/18386
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 96117814.2 (32) **7 Nov/nov 1996 (07.11.1996)** (33) EP
- (34) DE et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C14C 9/00, C08L 33/16, C09D 133/16
- (54) USE OF AMPHIPHILIC COPOLYMERS CONTAINING A FLUORINATED MONOMER TO IMPART WATERPROOFNESS TO LEATHER
UTILISATION DE COPOLYMERES AMPHIPHILES CONTENANT UN MONOMERE FLUORE POUR RENDRE UN CUIR IMPERMÉABLE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
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- (72, 75) **COPPENS, Dirk, M.** [BE/BE]; Tijmstraat 30, B-9120 Melsele (BE).
- (74) **MAKI, Eloise, J.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AU BR CA CN ID JP KR MX SG US.
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- (11) **WO 98/20171** (13) A1
- (21) PCT/AT97/00236
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) de (26) de
- (31) A 1933/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AT
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C21B 13/14, 13/00
- (54) PROCESS FOR PRODUCING SPONGE IRON BY DIRECT REDUCTION OF IRON OXIDE-CONTAINING MATERIALS
PROCEDE DE PRODUCTION D'EPONGE DE FER PAR REDUCTION DIRECTE DE MATERIAUX CONTENANT DES OXYDES DE FER
- (71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT).
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- (74) **KOPECKY, Helmut** et al. / etc.; Wipplingersstrasse 32/22, A-1010 Wien (AT).
- (81) AU BR BY CA ID JP KR KZ MX RU TT UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20172** (13) A1
- (21) PCT/AT97/00238
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) de (26) de
- (31) A 1932/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AT
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C21B 13/14
- (54) PROCESS FOR PRODUCING SPONGE IRON
PROCEDE DE PRODUCTION D'EPONGE DE FER
- (71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT). **POHANG IRON & STEEL CO., LTD.** [KR/KR]; 1 Geo Dong-dong, Pohang City, Kyong, Sang Book-Do 790-785 (KR). **RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, INCORPORATED FOUNDATION** [KR/KR]; San-32 Hyoja-dong, Pohang City 790-330 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEPPLINGER, Leopold, Werner** [AT/AT]; Lahholdstrasse 7, A-4060 Leonding (AT). **WALLNER, Felix** [AT/AT]; Roseggerstrasse 75, A-4020 Linz (AT). **GENNARI, Udo** [AT/AT]; Unionstrasse 67a, A-4020 Linz (AT).
- (74) **SCHWARZ, Albin** et al. / etc.; Wipplingerstrasse 32/22, A-1010 Wien (AT).
- (81) AU BR BY CA CN CZ JP KR KZ RU SK UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20173** (13) A1
- (21) PCT/US97/20516
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/743,720 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C22B 9/16
- (54) MOLTEN METAL PUMP AND METHOD OF USING
POMPE A METAL EN FUSION ET SON PROCEDE D'UTILISATION
- (71) **PREMELT PUMP, INC.** [US/US]; 2205 Miller Road, Kalamazoo, MI 49001 (US).
- (72) **AREAX, Larry, D.**; 33615 Wapiti Cr., Buena Vista, CO 81211 (US).
- (74) **HUESCHEN, Gordon, W.**; 715 The "H" Building, 310 East Michigan Avenue, Kalamazoo, MI 49007 (US).
- (81) AU BR CA MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20174** (13) A1
- (21) PCT/US97/20517
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/743,721 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ C22B 9/16
- (54) MOLTEN METAL PUMP AND METHOD OF USING
POMPE A METAL EN FUSION ET SON PROCEDE D'UTILISATION
- (71) **PREMELT PUMP, INC.** [US/US]; 2205 Miller Road, Kalamazoo, MI 49001 (US).

- (72) **AREAUX, Larry, D.**; 33615 Wapiti, Buena Vista, CO 81211 (US).
- (74) **HUESCHEN, Gordon, W.**; 715 The "H" Building, 310 East Michigan Avenue, Kalamazoo, MI 49007 (US).
- (81) AU BR CA MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20175** (13) A1

(21) PCT/GB97/02978

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9623320.0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22B 21/00, 9/02, 7/04

(54) DROSS PRESS WITH ROCKING PRESS HEAD PRESSE A ECUME DOTEE D'UNE TETE A PRESSE BASCULANTE

(71) **J McINTYRE MACHINERY LIMITED** [GB/GB]; Harrimans Lane, Dunkirk, Nottingham NG7 2SD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAMLEY, Alan** [GB/GB]; J McIntyre Machinery Limited, Harrimans Lane, Dunkirk, Nottingham NG7 2SD (GB).

(74) **GOODMAN, Christopher**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20176** (13) A1

(21) PCT/US97/13747

(22) **5 Aug/Août 1997 (05.08.1997)**

(25) en (26) en

(31) 08/747,014 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/780,116 (32) **26 Dec/déc 1996 (26.12.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22C 9/02

(54) COPPER ALLOY AND PROCESS FOR OBTAINING SAME ALLIAGE DE CUIVRE ET SON PROCEDE D'OBTENTION

(71) **WATERBURY ROLLING MILLS, INC.** [US/US]; 240 East Aurora Street, Waterbury, CT 06708 (US).

(72) **BHARGAVA, Ashok, K.**; 393 Charles Drive, Cheshire, CT 06410 (US).

(74) **KELMACHER, Barry, L.**; Bachman & LaPointe, P.C., Suite 1201, 900 Chapel Street, New Haven, CT 06510-2802 (US).

(81) CA CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(11) **WO 98/20177** (13) A1

(21) PCT/US97/20185

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,335 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22C 19/07, B22F 3/15

(54) POWDER METALLURGY, COBALT-BASED ARTICLES HAVING HIGH RESISTANCE TO WEAR AND CORROSION IN SEMI-SOLID METALS
ARTICLES A BASE DE COBALT, PRODUITS DE LA METALLURGIE DES POUDRES, PRESENTANT UNE RESISTANCE ELEVEE A L'USURE ET A LA CORROSION DANS DES METAUX SEMI-SOLIDES

(71) **THIXOMAT, INC.** [US/US]; 717 E. Huron, Ann Arbor, MI 48104 (US).

(72) **KENNETH, E., Pinnow**; 131 Droad Lane, Pittsburgh, PA 15237 (US). **RAYMOND, F., Decker**; 3065 Provincial Drive, Ann Arbor, MI 48104 (US).

(74) **SOSENKO, Eric, J.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20178** (13) A1

(21) PCT/EP97/06070

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 1004415 (32) **4 Nov/nov 1996 (04.11.1996)** (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22C 21/00, B32B 15/01

(54) ALUMINIUM ALLOY FOR USE AS CORE MATERIAL IN BRAZING SHEET ALLIAGE D'ALUMINIUM UTILISE COMME MATERIAU D'AME DANS UNE FEUILLE DE BRASURE

(71) **HOOGOVENS ALUMINIUM WALZPRODUKTE GMBH** [DE/DE]; Carl-Spaeter-Strasse 10, D-56070 Koblenz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SÖNTGERATH, Jeroen, Andreas, Helmut** [NL/NL]; Ruyschstraat 7, NL-1091 BP Amsterdam (NL). **BÜRGER, Achim** [DE/DE]; Jacques-Remy-Strasse 5, D-56203 Höhr-Grenzhausen (DE). **VIEREGGE, Klaus** [DE/DE]; Fürst-Friedrich-Karl-Strasse 35, D-56564 Neuwied (DE).

(74) **HERMAN DE GROOT, Johan, Willem**; Hoogovens Corporate Services B.V., P.O. Box 10000, NL-1970 CA Ijmuiden (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20179** (13) A1

(21) PCT/JP97/03985

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) ja (26) ja

(31) 8/291375 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22C 38/00, 38/04, C21D 8/12, H01F 1/16

(54) BIDIRECTIONAL ELECTROMAGNETIC STEEL PLATE AND METHOD OF MANUFACTURING THE SAME
PLAQUE D'ACIER ELECTROMAGNETIQUE BIDIRECTIONNELLE ET PROCEDE DE FABRICATION DE CETTE DERNIERE

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMIDA, Toshiro** [JP/JP]; Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP). **UENOYA, Shigeo** [JP/JP]; Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP). **SANO, Naoyuki** [JP/JP]; Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).

(74) **MORI, Michio** et al. / etc.; Honoue Patent Office, Sumitomoseimei-Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo 660 (JP).

(81) CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20180** (13) A1

(21) PCT/KR97/00215

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 1996/52002 (32) **5 Nov/nov 1996 (05.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C22C 38/16, C21D 8/04

(54) METHOD FOR MANUFACTURING HIGH STRENGTH AND HIGH FORMABILITY HOT-ROLLED TRANSFORMATION INDUCED PLASTICITY STEEL CONTAINING COPPER
PROCEDE DE FABRICATION D'ACIER LAMINE A CHAUD PRESENTANT UNE FORGEABILITE ET UNE RESISTANCE ELEVEES, UNE PLASTICITE PROVOQUEE PAR LA TRANSFORMATION ET CONTENANT DU CUIVRE

(71) **POHANG IRON & STEEL CO., LTD.** [KR/KR]; 1, Koedong-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-300 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOH, Hyang, Jin** [KR/KR]; Pohang University of Science and Technology, Dept. of Materials Science and Metallurgical Engineering, San 31, Hyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-784 (KR). **KIM, Nack, Joon** [KR/KR]; Pohang University of Science and Technology, Dept. of Materials Science and Metallurgical Engineering, San 31, Hyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-784 (KR). **PARK, Sung, Ho** [KR/KR]; Pohang Iron and Steel Co., Ltd., 5, Dongchon-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-360 (KR).

(74) **CHUN, Choon, Hang**; 9th floor, Woonam Building, 824-22, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP US.

Published / Publiée : (c)

(11) **WO 98/20181** (13) A1

(21) PCT/US97/20043

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,609 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US(31) 60/029,896 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US(31) 08/818,680 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C23C 4/12, 4/10, B01D 39/20, B09C 1/06, G21F 9/30(54) PROCESS FOR PLASMA SPRAYING CERAMIC RESIDUES
PROCEDE DE PROJECTION PAR PLASMA DE RESTES CERAMIQUES(71) **MOLTEN METAL TECHNOLOGY, INC.** [US/US]; 400-2 Totten Pond Road, Waltham, MA 02154 (US).(72) **DEKANICH, Steven, John**; 103 Lake Hills Drive, Oak Ridge, TN 37830 (US). **FORESTER, Johnny, Page**; 1479 Twin Cove Drive, Lenoir City, TN 37772 (US).(74) **KARNAKIS, Andrew, T.**; Molten Metal Technology, Inc., 400-2 Totten Pond Road, Waltham, MA 02154 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20182** (13) A1

(21) PCT/US97/15857

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,199 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C23C 10/52

(54) ALUMINIUM-SILICON DIFFUSION COATING REVETEMENT DIFFUSE D'ALUMINIUM-SILICIUM

(71) **ALON, INC.** [US/US]; Grantham Street, P.O. Box 231, Tarentum, PA 15084 (US).(72) **BAYER, George, T.**; 416 West 7th Avenue, Tarentum, PA 15084 (US). **WYNNS, Kim, A.**; 8026 Downington Court, Spring, TX 77379 (US).(74) **ALSTADT, Lynn, J.**; 20th floor, One Oxford Centre, 301 Grant Street, Pittsburgh, PA 15219-1410 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20183** (13) A1

(21) PCT/US97/19263

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/743,305 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C23C 14/34, C22F 1/04(54) METHOD FOR FABRICATING SPUTTERING TARGETS
PROCEDE DE FABRICATION DE CIBLES DE PULVERISATION(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). **MATERIALS RESEARCH CORPORATION** [US/US]; 560 Route 303, Orangeburg, NY 10962 (US).(72) **LO, Chi-Fung**; 1110 Inwood Terrace, Fort Lee, NJ 07024 (US). **DRAPER, Darryl**; 20 Endicott Street, Congers, NY 10920 (US).(74) **FREI, Donald, F.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20184** (13) A1

(21) PCT/AU97/00740

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) PO 3383 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ C23C 14/54, 14/04, 14/34, 14/35(54) SPUTTER COATING APPARATUS
DISPOSITIF DE PULVERISATION CATHODIQUE(71) **SOLA INTERNATIONAL HOLDINGS LTD.** [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BURTON, Clive, Hilton** [AU/AU]; 10B Ashby Avenue, Blackwood, S.A. 5051 (AU).(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20185** (13) A1

(21) PCT/US97/17733

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/744,227 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US(31) 08/938,890 (32) **26 Sep/sep 1997 (26.09.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C23C 16/54, 16/26(54) A PROCESS AND APPARATUS FOR DEPOSITING A CARBON-RICH COATING ON A MOVING SUBSTRATE
PROCEDE ET APPAREIL DE DEPOT D'UN REVETEMENT RICHE EN CARBONE SUR UN SUBSTRAT MOBILE(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(72) **DAVID, Moses, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MCCLURE, Donald, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MAKI, Stephen, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(74) **DAHL, Philip, Y.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20186** (13) A1

(21) PCT/US97/19313

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/029,557 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C23C 22/18(54) PHOSPHATE CONVERSION COATING COMPOSITION AND PROCESS
COMPOSITION ET PROCEDE DE REVETEMENT PAR CONVERSION A PHOSPHATE(71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BOULOS, Mervet, S.** [US/US]; 4395 Stonehenge, Troy, MI 48098 (US).

(74) **WISDOM, Norvell, E., Jr.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20187** (13) A1

(21) PCT/US97/20337

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,574 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C25B 11/00, 13/00, G01N 27/26, H01J 1/05

(54) LOW WORK FUNCTION ELECTRODE ELECTRODE A FAIBLE TRAVAIL D'EXTRACTION

(71) **BOREALIS TECHNICAL LIMITED** [US/US]; 23545 N.W. Skyline Boulevard, Hillsboro, OR 97124-9204 (US).

(72) **EDELSON, Jonathan, Sidney**; 23545 N.W. Skyline Boulevard, Hillsboro, OR 97124-9204 (US).

(81) AL AT AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20188** (13) A2

(21) PCT/US97/19026

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) PCT/US96/16629 (32) **18 Oct/oct 1996 (18.10.1996)** (33) WO

(34) US et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ C25C

(54) APPARATUS AND METHOD FOR TREATING THE CELL LINING OF AN ALUMINUM ELECTROWINNING CELL APPAREIL ET PROCEDE DESTINES AU TRAITEMENT D'UN REVETEMENT DE CELLULE D'UNE CELLULE A EXTRACTION ELECTROLYTIQUE D'ALUMINIUM

(63) US PCT/US96/16629 (CIP) 18 Oct/oct 1996 (18.10.1996)

(71) **MOLTECH INVENT S.A.** [LU/LU]; 68-70, boulevard de la Petrusse, L-2320 Luxembourg (LU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DE NORA, Vittorio** [IT/BS]; Sandrigham House, Nassau (BS). **BERCLAZ, Georges** [CH/CH]; Avenue Saint-François, CH-3968 Veyras/Sierre (CH). **SEKHAR, Jainagesh, A.** [US/US]; 2310 East Hill Avenue, Cincinnati, OH 45208 (US).

(74) **DESHMUKH, Jayadeep, R.** et al. / etc.; Dinsmore & Shohl LLP, 1900 Chemed Center, 255 East Fifth Street, Cincinnati, OH 45202 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20189** (13) A2

(21) PCT/US97/19717

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 60/029,540 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D01D 4/00, 5/11

(54) NOSE CONE FOR SMALL SPIN HEAD IN FLASH SPINNING SYSTEM COIFFE POUR PETITE TETE DE FILAGE DE SYSTEME DE FILAGE ECLAIR

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MARIN, Robert, Anthony**; 14601 Gildenborough Drive, Midlothian, VA 23113 (US).

(74) **GORMAN, Thomas, W.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20190** (13) A1

(21) PCT/US97/20177

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,577 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D01F 8/04, 8/06, 8/12, 8/16, A61L 27/00

(54) IMPLANTABLE FIBERS AND MEDICAL ARTICLES FIBRES ET ARTICLES A USAGE MEDICAL IMPLANTABLES

(71) **MONSANTO COMPANY** [US/US]; 3000 Old Chemstrand Road, Cantonment, FL 32533 (US).

(72) **MARTIN, Donald, H.**; Apartment 51, 4470 Old Spanish Trail, Pensacola, FL 32505 (US). **SOUTHERN, John, H.**; 426 Roue de Rocheblave, Pensacola, FL 32507 (US).

(74) **ELMORE, Carolyn, S.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20191** (13) A1

(21) PCT/JP97/03831

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 8/292163 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D04B 1/24

(54) CLOTHES FOR SMALL CHILDREN INCLUDING BABY AND INFANT HABITS POUR PETITS ENFANTS, NOTAMMENT DES BEBES ET DES ENFANTS EN BAS AGE

(71) **WACOAL CORP.** [JP/JP]; 29, Nakajima-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUJITA, Hiyoshi** [JP/JP]; 29, Nakajima-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601 (JP). **KOMORI, Hisako** [JP/JP]; 29, Nakajima-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601 (JP).

(74) **OWADA, Kazumi**; Owada & Partner, Sakurabashichiyoda Building 10F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

(81) CN KR SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20192** (13) A1

(21) PCT/IT97/00269

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) FI96A000262 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IT

(31) FI97A000177 (32) **24 Jul/juil 1997 (24.07.1997)** (33) IT

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D04B 9/46

(54) METHOD AND MACHINE FOR THE PRODUCTION OF KNITTED GARMENTS COMPRISING A BODY SECTION AND LEGS, IN A SINGLE PRODUCTION STAGE AND IN A SINGLE PIECE PROCEDE ET MACHINE PERMETTANT DE FABRIQUER EN UNE SEULE ETAPE DE PRODUCTION DES VETEMENTS TRICOTES D'UNE SEULE PIECE COMPORTANT UNE SECTION CORPS ET DES JAMBES

(71) **GOLDEN LADY S.P.A.** [IT/IT]; Via Cavallotti, 11, I-85015 Jesi (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CONTI, Paolo** [IT/IT]; Via Neri di Bicci, 14, I-50143 Firenze (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20193** (13) A1
 (21) PCT/EP97/05960
 (22) **29 Oct/oct 1997 (29.10.1997)**
 (25) de (26) de
 (31) 296 19 695.9 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D06B 15/02
 (54) MACHINING DEVICE FOR STRIPLIKE MATERIAL
 DISPOSITIF D'USINAGE DE MATERIAUX
 SOUS FORME DE BANDES
 (71, 72) **ZIMMER, Johannes** [AT/AT]; Ebentaler
 Strasse 133, A-9020 Klagenfurt (AT).
 (74) **WENZEL & KALKOFF**; Postfach 73 04 66,
 D-22124 Hamburg (DE).
 (81) BR CN US; EP (AT BE CH DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)

(11) **WO 98/20194** (13) A1
 (21) PCT/EP97/05944
 (22) **28 Oct/oct 1997 (28.10.1997)**
 (25) de (26) de
 (31) 196 45 664.9 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D06F 31/00, 39/00
 (54) PRESS LIQUOR RETURN SYSTEM
 SYSTEME DE RETOUR POUR EAU
 D'ESSORAGE
 (71) **HENKEL-ECOLAB GMBH & CO. OHG**
 [DE/DE]; Reisholzer Wertstrasse 38-42, D-40589
 Düsseldorf (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **STÄHR, Ingo** [DE/DE]; Tannenweg 6 a,
 D-35274 Kirchhain (DE). **BECHSTEDT, Wolf-
 gang** [DE/DE]; Zum Stadion 39, D-40764
 Langenfeld (DE). **BERGMANN, Michael**
 [DE/DE]; Edmund-Bertrams-Strasse 13, D-40489
 Düsseldorf (DE).
 (74) **HASE, Christian**; Henkel KGaA, Patente (TTP),
 D-40191 Düsseldorf (DE).
 (81) CA NO US; EP (AT BE CH DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)

(11) **WO 98/20195** (13) A1
 (21) PCT/EP97/06033
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) de (26) de
 (31) 196 45 273.2 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D06F 37/04
 (54) CYLINDER WASHING MACHINE
 LAVE-LINGE A TAMBOUR
 (71) **MIELE & CIE. GMBH & CO.** [DE/DE]; Pa-
 tente/Marken, Carl-Miele-Strasse 29, D-33332
 Gütersloh (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **HELLHAKE, Wolfgang** [DE/DE];
 Gorch-Fock-Strasse 2 a, D-59555 Lippstadt
 (DE). **AUGUSTIN, Siegfried** [DE/DE]; Jenaer
 Strasse 9, D-33647 Bielefeld (DE).
 (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)

(11) **WO 98/20196** (13) A1
 (21) PCT/ES97/00261
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) es (26) es
 (31) U 9602811 (32) **5 Nov/nov 1996 (05.11.1996)** (33) ES
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D06F 75/18
 (54) WATER SUPPLY REGULATION ASSEMBLY
 WITH INTEGRATED CLEANING SYSTEM
 FOR PRESS IRONS
 DISPOSITIF DE REGULATION DE
 L'ALIMENTATION EN EAU MUNI D'UN
 SYSTEME DE NETTOYAGE ET INCORPORE
 DANS UN FER A REPASSER

(71) **OFICINA DE INVESTIGACION AGRUPADA,
 S.A.** [ES/ES]; Matxaria, 1-1º, E-20600 Eibar (ES).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **MUTILOA BERSALUCE, José Francisco**
 [ES/ES]; Matxaria, 1-1º, E-20600 Eibar (ES).
 (74) **CARPINTERO LOPEZ, Francisco**; Herrero &
 Asociados, S.L., Alcalá, 21, E-28014 Madrid (ES).
 (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB
 GR IE IT LU MC NL PT SE).

(11) **WO 98/20197** (13) A1
 (21) PCT/US97/20255
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/746,035 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D06N 7/00, B32B 27/32
 (54) PVC-FREE FOAMED FLOORING AND WALL
 COVERING AND A METHOD FOR MAKING
 THE SAME
 REVETEMENT DE SOL ET MURAL CELLU-
 LAIRE, EXEMPT DE PVC ET SON PROCEDE
 DE FABRICATION
 (71) **THE DOW CHEMICAL COMPANY** [US/US];
 2030 Dow Center, Midland, MI 48674 (US).
 (72) **THOEN, Johan, A.**; Dommelstraat 22, NL-4535
 HB Terneuzen (NL). **KENNEDY, James, G.**; De-
 verrekkijker 33, NL-4564 DB Sint Jansteen (NL).
SUH, Kyung, W.; 1533 Welsh Hills Road, Gran-
 ville, OH 43023 (US). **SHMIDT, Creston, D.**;
 4161 Briarcliff North East, Newark, OH 43055
 (US).
 (74) **MCKINNEY, Osborne, K.**; Patent Dept., B-1211,
 2301 Brazosport Boulevard, Freeport, TX 77541
 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
 ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
 EP (AT BE CH DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE); OA (BF BJ CF CG CI CM
 GA GN ML MR NE SN TD TG).

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(11) **WO 98/20198** (13) A1
 (21) PCT/FI97/00671
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 964466 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FI
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D21C 3/04, 3/20
 (54) METHOD OF PRODUCING PULP USING
 SINGLE-STAGE COOKING WITH FORMIC
 ACID AND WASHING WITH PERFORMIC
 ACID
 PROCEDE DE FABRICATION DE PULPE PAR
 CUISSON A L'ACIDE FORMIQUE EFFECTUEE
 EN UNE SEULE OPERATION ET PAR LAVAGE
 A L'ACIDE PERFORMIQUE
 (71) **CHEMPOLIS OY** [FI/FI]; Typpitie 1, FIN-90650
 Oulu (FI).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **ROUSU, Pasi** [FI/FI]; Laanila 2 A 2,
 FIN-90650 Oulu (FI). **ROUSU, Päivi** [FI/FI];
 Laanila 2 B 17, FIN-90650 Oulu (FI). **ROUSU,
 Esa** [FI/FI]; Luhtitie 15 C, FIN-90230 Oulu (FI).
 (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O.
 Box 148, FIN-00121 Helsinki (FI).
 (81) BR CA CN ID US; EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20199** (13) A1
 (21) PCT/CA97/00813
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) 08/743,686 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D21C 9/10, 9/147
 (54) VANADYL CATALYZED OXYGEN TREAT-
 MENT OF LIGNOCELLULOSIC MATERIALS
 TRAITEMENT DE MATIERES LIGNOCEL-
 LULOSIQUES PAR DE L'OXYGENE CATA-
 LYSE AVEC DU VANADYLE
 (71) **MACMILLAN BLOEDEL LIMITED** [CA/CA];
 925 West Georgia, Vancouver, British Columbia
 V6C 3L2 (CA).
 (72) **TAN, Zheng**; Apartment 1107, 325 Webb Drive,
 Mississauga, Ontario L5B 3Z9 (CA). **SOLINAS,
 Marco**; 23 Apple Hill, Baie d'Urfé, Quebec H9X
 3G9 (CA).
 (74) **ROWLEY, C., A.**; MacMillan Bloedel Research,
 4225 Kincaid Street, Burnaby, British Columbia
 V5G 4P5 (CA).
 (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE).

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(11) **WO 98/20200** (13) A1
 (21) PCT/EP97/05934
 (22) **27 Oct/oct 1997 (27.10.1997)**
 (25) de (26) de
 (31) 196 45 786.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ D21F 1/00, D01F 6/80, 6/90

(54) MONOFILAMENTS AND THEIR USE IN PRODUCING TECHNICAL TEXTILE ARTICLES
MONOFILAMENTS ET LEUR UTILISATION
POUR PRODUIRE DES ARTICLES TEXTILES
TECHNIQUES

(71) **BAYER FASER GMBH** [DE/DE]; D-41538 Dormagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜDENBENDER, Jürgen** [DE/DE]; Am Weißen Kreuz 11, D-41539 Dormagen (DE).
GÄRTNER, Eckhard [DE/DE]; Ulmenallee 17, D-41540 Dormagen (DE).
BROKMEIER, Dieter [DE/DE]; Claudiusstrasse 40, D-41540 Dormagen (DE).

(74) **DROPE, Rüdiger**; Bayer AG, D-51368 Leverkusen (DE).

(81) AU BR CZ JP KR MX PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20201** (13) A1

(21) PCT/US97/20476

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,561 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D21H 19/38, 19/42

(54) COATED PRINTING PAPER AND METHOD OF MANUFACTURE
PAPIER COUCHE MACHINE ET SON PROCEDE DE FABRICATION

(71) **S.D. WARREN COMPANY** [US/US]; 89 Cumberland Street, Westbrook, ME 04092 (US).

(72) **GUBRUD, Lisa, A.**; 6 Joss Hill Road, Scarborough, ME 04074 (US).
MASIA, Steven, L.; 114 East Bridge Street, Westbrook, ME 04092 (US).
WAECKER, Thomas, A.; 7 Wainwright Drive, Cape Elizabeth, ME 04107 (US).
YADETA, Baheru; 28 Windsor Pines Drive, Scarborough, ME 04074 (US).

(74) **O'REGAN, Briana, K.**; S.D. Warren Technology Center, 89 Cumberland Street, P.O. Box 5000, Westbrook, ME 04098 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20202** (13) A1

(21) PCT/FI97/00668

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 964430 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ D21H 23/32, 23/70, 23/50, B05C 1/08, 1/02

(54) METHOD AND ARRANGEMENT FOR COATING A MOVING PAPERBOARD WEB
PROCEDE ET ENSEMBLE UTILISES POUR COUVRIR DE COUCHES UNE BANDE DE CARTON EN MOUVEMENT

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUNI, Stefan** [FI/FI]; Pietolankatu 15 as 6, FIN-04400 Järvenpää (FI).

(74) **LAINNE, Seppo** et al. / etc.; Seppo Laine Oy, Lönnrotinkatu 19 A, FIN-00120 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20203** (13) A1

(21) PCT/EP97/05371

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) de (26) de

(31) 196 46 133.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E01B 3/00

(54) RAILROAD SUBSTRUCTURE
FONDATION DE VOIE FERREE

(71, 72) **ORTWEIN, Hermann** [DE/DE]; Mühlenweg 25, D-51588 Nümbrecht (DE).

(74) **HAPPE, Otto**; Meistersingerstrasse 34, D-45307 Essen (DE).

(81) AU JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20204** (13) A1

(21) PCT/GB97/03000

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 9622924.0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E01B 19/00

(54) POLYMER EMBEDMENT OF RAILS
RECOUVREMENT DE RAILS AVEC DU POLYMERE

(71) **ALH SYSTEMS LIMITED** [GB/GB]; Station Road, Westbury, Wiltshire BA13 4TN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VENNELL, Robert, Paul** [GB/GB]; 32 Lydiard Way, Trowbridge, Wiltshire BA14 0UJ (GB).

(74) **CALDERBANK, T., Roger** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20205** (13) A1

(21) PCT/US97/20095

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,758 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E01C 13/08

(54) IMPROVED SURFACE FOR SPORTS AND OTHER USES
SURFACE AMELIOREE POUR SPORTS ET AUTRES UTILISATIONS

(63) US 08/744,758 (CON)
6 Nov/nov 1996 (06.11.1996)

(71) **TURF SYSTEMS INTERNATIONAL, INC.** [US/US]; Suite 300, 14231 Lake Road, Lynnwood, WA 98037 (US).
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(72, 75) **BERGEVIN, Jerry, G.** [US/US]; 6824 Marine View Drive, Edmonds, WA 98026 (US).

(74) **KELBON, Marcia, S.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20206** (13) A1

(21) PCT/SE97/01833

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) sv (26) en

(31) 9604017-5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E01H 1/00, B08B 3/02

(54) CLEANING DEVICE FOR POSTS AND THE LIKE
DISPOSITIF DE NETTOYAGE DE POTEAUX ET ANALOGUE

(71, 72) **JOHANSSON, Ola** [SE/SE]; Röbacksvägen 47, S-771 60 Ludvika (SE).

(81) NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20207** (13) A1

(21) PCT/US97/20188

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/774,247 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/807,264 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E02D 29/02

(54) NEW SPLITTING TECHNIQUE

- NOUVELLE TECHNIQUE DE FENDAGE
- (71) **ANCHOR WALL SYSTEMS, INC.** [US/US]; Suite 201, 6101 Baker Road, Minnetonka, MN 55345-5973 (US).
- (72) **SIEVERT, Dick, J.**; 1322 Billmar Avenue, New Richmond, WI 54017 (US).
- (74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20208** (13) A1
- (21) PCT/JP97/03889
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) ja (26) ja
- (31) 8/327482 (32) **2 Nov/nov 1996 (02.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E02F 3/88
- (54) DREDGING METHOD AND DREDGING APPARATUS
PROCEDE DE DRAGAGE ET APPAREIL DE DRAGAGE
- (71) **MOBURON DESIGN OFFICE CO., LTD.** [JP/JP]; 520-11, Koya, Yoshikawa, Matsumoto-shi, Nagano 399 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OIKAWA, Senji** [JP/JP]; Moburon Design Office Co., Ltd., 520-11, Koya, Yoshikawa, Matsumoto-shi, Nagano 399 (JP).
- (74) **WATANUKI, Takao**; CreA Center Building, 12-9, Nakagoshō 3-chōme, Nagano-shi, Nagano 380 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20209** (13) A1
- (21) PCT/NL97/00605
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
- (31) 1004453 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NL
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E03F 1/00, 5/10
- (54) DEVICE FOR COLLECTING, TEMPORARILY STORING AND DRAINING OFF RAINWATER
- DISPOSITIF DE RECUEIL, DE STOCKAGE TEMPORAIRE ET DE REJET D'EAU DE PLUIE
- (71) **WAVIN B.V.** [NL/NL]; Stationsplein 3, NL-8011 CW Zwolle (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OFFRINGA, Oege, René** [NL/NL]; Bovenmaat 5, NL-7772 JE Hardenberg (NL).
- (74) **IEMENSCHOT, J., A.**; Van Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20210** (13) A1
- (21) PCT/US97/20593
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/744,881 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E04D 1/00
- (54) IDENTIFYING PREFABRICATED EXTERIOR SIDING AND RELATED TRIM ITEMS
IDENTIFICATION D'UN HABILLAGE DE FAÇADE PREFABRIQUE ET D'ELEMENTS DE FINITION ASSOCIES
- (71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
- (72) **WEARNE, John, R.**; 115 Birklands Drive, Cary, NC 27511 (US).
- (74) **GEGENHEIMER, C., Michael** et al. / etc.; Owens Corning Science & Technology Center, Building 54-1, 2790 Columbus Road, Granville, OH 43023-1200 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20211** (13) A1
- (21) PCT/FR97/01989
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) fr (26) fr
- (31) 96/13537 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E04F 11/16
- (54) FINISHING EDGE FOR SIDE OF STAIRCASE
BORDURE DE FINITION POUR CHANT DE MARCHES D'ESCALIER
- (71) **DINAC S.A.** [FR/FR]; Z.I., Boîte postale 29, F-38350 La Mure (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROSE, Olivier** [FR/FR]; 22 bis, allée de Stalingrad, F-94170 Le Perreux (FR).
- (74) **GORREE, Jean-Michel**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20212** (13) A1
- (21) PCT/EP97/06005
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) M196A002315 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E04F 15/024
- (54) TILE FLOORING
PLANCHEIAGE EN CARREAUX
- (71) **PMF LAVORAZIONI METALLICHE S.R.L.** [IT/IT]; Via Rutilia, 16, I-20141 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUAGLIA, Natale** [IT/IT]; PMF Lavorazioni Metalliche S.r.l., Via Rutilia, 16, I-20141 Milano (IT).
MORETTIN, Enrico [IT/IT]; PMF Lavorazioni Metalliche S.r.l., Via Rutilia, 16, I-20141 Milano (IT).
- (74) **DE NOVA, Roberto** et al. / etc.; Jacobacci & Perani S.p.a., Via Visconti di Modrone, 7, I-20122 Milano (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20213** (13) A1
- (21) PCT/US97/20341
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 08/746,405 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E04G 1/00
- (54) FOLDING SAWHORSE
CHEVALET DE SCIAGE PLIABLE
- (71, 72) **KOCHEM, Robert, C.** [US/US]; 21 Jason Road, Belmont, MA 02178 (US).
- (74) **TESKA, Kirk** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02154 (US).
- (81) CA CN IL JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20214** (13) A1
 (21) PCT/US97/20600
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/745,371 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ E04G 5/06, 3/00, A47B 96/06, A47K 1/08
 (54) SECURED RECEIPT HOLDER SUPPORT FIXE POUR RECIPIENT

- (71, 72) **GIBBS, Dorian** [US/US]; 5253 San Vicente Boulevard, Los Angeles, CA 90019 (US).
 (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/20215** (13) A1
 (21) PCT/AU97/00750
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) PO 3466 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AU
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ E04G 21/32, 3/08, 1/26, 23/03
 (54) SAFETY RAIL SYSTEM SYSTEME DE BARRIERE DE SECURITE

- (71, 72) **CHARLESWORTH, Bruce, Roy** [AU/AU]; 37 Houston Place, Berry, NSW 2535 (AU).
 (74) **GRIFFITH HACK**; G.P.O. Box 4164, Sydney, NSW 2001 (AU).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20216** (13) A1
 (21) PCT/GB97/02402
 (22) **5 Sep/sep 1997 (05.09.1997)**
 (25) en (26) en
 (31) 9623116.2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ E04H 4/12
 (54) SWIMMING POOL MANAGEMENT SYSTEM SYSTEME DE GESTION D'UNE PISCINE

- (71) **DURAND (ASSIGNEES) LIMITED** [—/—]; 1 Le Marchant Street, P.O. Box 186, St. Peter Port, Guernsey GY1 4HP (GB).
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- (71, 72) **JOHNSON, William, Nevil, Heaton** [GB/—]; Cliffe House, Village du Putron, St. Peter Port, Guernsey GY1 2TG (GB).

- (72, 75) **HUGHES, Stephen, T.** [GB/GB]; University of Southampton, Highfield, Southampton SO17 1BJ (GB).

- (74) **HOWDEN, Christopher, A.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N22 2EY (GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20217** (13) A1

(21) PCT/CH97/00393

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) de (26) de

- (31) 2723/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) CH

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E05B 17/20, 15/02

- (54) DEVICE FOR PROTECTING A MORTISE LOCK WITH A CLOSING CYLINDER DISPOSITIF DE PROTECTION D'UNE SERRURE A MORTAISE AVEC UN CYLINDRE DE FERMETURE

- (71, 72) **KELLER, Ernst** [CH/CH]; Untere Schwan-denstrasse 22, CH-8805 Richterswil (CH).

- (74) **GRONER, Manfred**; Isler & Pedrazzini AG, Post-fach 6940, CH-8023 Zürich (CH).

- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20218** (13) A1

(21) PCT/BR97/00066

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

- (31) PI 9604487-0 (32) **1 Nov/nov 1996 (01.11.1996)** (33) BR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E05B 19/20

- (54) SECRET IDENTIFYER FOR CAR LOCKS DISPOSITIF D'IDENTIFICATION DES SERRURES D'AUTOMOBILES

- (71, 72) **FERREIRA DOS SANTOS, Abel** [BR/BR]; Rua Euclides da Cunha, 399, CEP-06016-030 Osasco, SP (BR).

- (81) AL AM AT AU AZ BA BB BG BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/20219** (13) A1

(21) PCT/DE97/02531

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) de (26) de

- (31) 196 45 611.8 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E05B 47/00

- (54) LOCK FOR A VEHICLE REAR DOOR OR A REAR HATCH PROVIDED WITH A WINDOW WIPER SERRURE DE PORTIERE ARRIERE D'AUTOMOBILE OU DE HAYON A ESSUIE-GLACE

- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WEYERSTALL, Bernd** [DE/DE]; Schenkstrasse 83, D-42369 Wuppertal (DE).
BUDE, Ulrich [DE/DE]; Krähenacker 7, D-51702 Bergneustadt (DE).

- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/20220** (13) A1

(21) PCT/IB97/01460

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

- (31) 196 46 009.3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ E05B 47/00, B65D 43/20

- (54) LOCKING DEVICE DISPOSITIF DE FERMETURE

- (71) **SPHINX ELEKTRONIK GMBH** [DE/DE]; Rap-peneckstrasse 1, D-79183 Waldkirch (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KHWA, Peng, Teok** [SG/SG]; Bk. 328 #07-65, Woodlands Street 32, Singapur 730 328 (SG).

- (74) **PRIETSCH, Reiner**; Schäufileinstrasse 7, D-80687 München (DE).

- (81) AU CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20221** (13) A1

(21) PCT/EP97/05955

(22) **29 Oct/oct 1997 (29.10.1997)**

- (25) de (26) de
- (31) 196 45 461.1 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E05B 49/00, B60R 25/04, E05B 17/22
- (54) DEVICE WITH A KEY-OPERATED LOCK CYLINDER AND WITH AN ELECTRICAL SWITCHING DEVICE, IN PARTICULAR AN ELECTRONIC LOCK FOR PREVENTING A VEHICLE FROM BEING DRIVEN AWAY
DISPOSITIF MUNI D'UN CYLINDRE DE FERMETURE POUVANT ETRE ACTIONNE AVEC UNE CLEF ET D'UN SYSTEME DE COMMUTATION ELECTRIQUE, NOTAMMENT UN SYSTEME DE BLOCAGE ELECTRONIQUE INTERDISANT L'USAGE NON AUTORISE D'UNE AUTOMOBILE
- (71) **HUF HÜLSBECK & FÜRST GMBH & CO. KG** [DE/DE]; Steeger Strasse 17, D-42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEMMANN, Harald** [DE/DE]; Unterer Eickeshagen 5 a, D-42555 Velbert (DE). **REIKHER, Alexander** [US/US]; Carnegie Drive N 113 W 18950, Germantown, WI 53022 (US). **SIMON, Jörg** [DE/DE]; Stettinerstrasse 15 B, D-42579 Heiligenhaus (DE).
- (74) **MENTZEL, Norbert**; Kleiner Werth 34, D-42275 Wuppertal (DE).
- (81) AU BR CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20222** (13) A1
- (21) PCT/CA97/00782
- (22) **20 Oct/oct 1997 (20.10.1997)**
- (25) en (26) en
- (31) 2,189,792 (32) **6 Nov/nov 1996 (06.11.1996)** (33) CA
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E05B 63/24
- (54) SECURITY DEVICE FOR A DEAD BOLT LOCK
DISPOSITIF DE SECURITE POUR SERRURE A PENE DORMANT
- (71, 72) **GUILLEMETTE, Christian** [CA/CA]; 257, rue St-Michel, Beauport, Québec G1C 1G4 (CA).
- (74) **ROBIC**; 55, St-Jacques, Montréal, Québec H2Y 3X2 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20223** (13) A1
- (21) PCT/SE96/01414
- (22) **1 Nov/nov 1996 (01.11.1996)**
- (25) sv (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E05C 17/44
- (54) PISTON DEVICE
DISPOSITIF DE PISTON
- (71, 72) **KARLQUIST, Per-Erik** [SE/SE]; Rudberusgatan 8, S-531 34 Lidköping (SE).
- (74) **AWAPATENT AB**; P.O. Box 11 394, S-404 28 Göteborg (SE).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SG (Utility model / modèle d'utilité) SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20224** (13) A1
- (21) PCT/US96/17811
- (22) **7 Nov/nov 1996 (07.11.1996)**
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E05D 15/24
- (54) COMPACT TRACK SYSTEM WITH REAR MOUNT COUNTERBALANCE FOR SECTIONAL DOORS
SYSTEME DE RAIL COMPACT COMPRENANT UN SYSTEME DE CONTREPOIDS ARRIERE DESTINE A DES PORTES EN SECTIONS
- (71) **WAYNE-DALTON CORP.** [US/US]; One Door Drive, P.O. Box 67, Mt. Hope, OH 44660 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MULLET, Willis, J.** [US/US]; 25 Avenida de Manana, Pensacola Beach, FL 32561 (US). **PAQUETTE, Derek, S.** [US/US]; 22166 County Road 64, Robertsdale, AL 36567 (US).
- (74) **KENNER, Phillip, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 First National Tower, Akron, OH 44308-1456 (US).
- (81) AU CA US.
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- (11) **WO 98/20225** (13) A1
- (21) PCT/DK97/00489
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) da (26) en
- (31) 1225/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E06B 9/13
- (54) A ROLLER SHUTTER FOR WINDOWS, DOORS AND THE LIKE AND A METHOD OF MANUFACTURING
VOLET ROULANT POUR FENETRES, PORTES ET ARTICLES SIMILAIRES ET PROCEDE DE FABRICATION
- (71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvej 10, DK-2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIELSEN, Torben, Holst** [DK/DK]; Vedersøvej 32, DK-2610 Rødovre (DK). **HANSEN, Søren** [DK/DK]; Hyldevangen 127, DK-7323 Give (DK).
- (74) **RAFFNØE, Knud, Rosenstand** et al. / etc.; International Patent-Bureau, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20226** (13) A1
- (21) PCT/AU97/00745
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) PO 3438 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AU
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E06B 9/262, A47H 23/00
- (54) ROMAN SHADE FOLD FORMING BATTEN
BAGUETTE POUR FORMER UN PLI DANS UN STORE DE TISSU LATTE
- (71, 72) **BROWNLIE, Michael, Andrew** [AU/AU]; 11 Sellick Drive, Croydon, VIC 3136 (AU).
- (74) **McMASTER & ASSOCIATES**; 24 Park Street, South Yarra, VIC 3141 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (11) **WO 98/20227** (13) A1
- (21) PCT/EP97/05926
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) de (26) de
- (31) 196 45 602.9 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ E06B 9/76
- (54) COUPLING PART
PIECE D'ACCOUPEMENT
- (71) **GERHARD GEIGER GMBH & CO.** [DE/DE]; Schleifmühle 6, D-74321 Bietigheim-Bissingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÜDL, Josef** [DE/DE]; Brahmstrasse 12, D-74369 Löchgau (DE).
- (74) **JECK, Anton**; Markgröninger Strasse 47/1, D-71701 Schwieberdingen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)

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(21) PCT/EP97/06060
(22) **3 Nov/nov 1997 (03.11.1997)**
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(31) 96121261 (32) **4 Nov/nov 1996 (04.11.1996)** (33) RU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 4/02, F03B 13/02
(54) TURBODRILL WITH REDUCTION GEAR
TURBOFOREUSE A ENGRENAGE DE REDUC-
TION
(71) **TIEBO TIEFBOHRSERVICE GMBH & CO. KG** [DE/DE]; Carl-Zeiss-Strasse 3, D-49406
Barnstorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72) **75 THIES, Hannes** [DE/DE]; Zuckmayer Strasse
10, D-49406 Barnstorf (DE). **WESTRA, Lub-
bert** [DE/DE]; Tebenstrasse 21, D-49356 Diepholz
(DE). **DERKATCH, Nikolai** [RU/RU]; Samalet-
naya Street 56/24, Perm, 614022 (RU). **KRUTIK,
Ernst** [RU/RU]; Prospekt Parkovy 5/235, Perm,
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(31) 08/746,268 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 17/14, 7/20
(54) METHOD AND APPARATUS FOR ATTACHING
A CASING TO A DRILL BIT IN OVERBURDEN
DRILLING EQUIPMENT
PROCEDE ET APPAREIL PERMETTANT
D'ATTACHER UN TUBAGE A UN TREPAN
DANS UN EQUIPEMENT DE FORAGE DE
MORTS-TERRAINS
(71) **SANDVIK AB (publ)** [SE/SE]; S-811 81 Sandvi-
ken (SE).
(72) **SPEDALE, Angelo, Lee**; 16715 Huffmeister, Cy-
press, TX 77429 (US).
(74) **CARLSSON, Lars-Åke**; Sandvik AB, Patent
Dept., S-811 81 Sandviken (SE).
(81) AU CA CN CZ IL JP KR NO NZ SG; EP (AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE).
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(31) 08/746,103 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 37/06, 43/26, 43/25, C09K 7/00
(54) METHOD FOR IMPROVED STIMULATION
TREATMENT
(71) **PROCEDE DE PERFECTIONNEMENT DE
TRAITEMENT PAR STIMULATION**
(74) **BJ SERVICES COMPANY** [US/US]; 5500 Nor-
thwest Central Drive, Houston, TX 77092 (US).
(72) **BRANNON, Harold, D.**; 23023 Beaver Dam,
Spring, TX 77389 (US). **TJON-JOE-PIN, Ro-
bert, M.**; 4242 Tasselwood, Houston, TX 77014
(US). **BEALL, Brian, B.**; 16719 North Mist Drive,
Houston, TX 77073 (US).
(74) **LECHTENBERGER, J., Dean**; Arnold, White &
Durkee, P.O. Box 4433, Houston, TX 77210-4433
(US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).
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(31) 08/742,409 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 43/00
(54) METHOD OF AND DEVICE FOR PRODUC-
TION OF HYDROCARBONS
PROCEDE ET DISPOSITIF POUR LA PRODUC-
TION D'HYDROCARBURES
(71) **PETROENERGY LLC** [US/US]; 145 West 57
Street, New York, NY 10019 (US).
(72) **SHAPOSHNIKOV, Vladimir M.**; 2122 East 8th
Street, Brooklyn, NY 11223 (US). **TSEYTLIN,
Semen D.**; 62-27 84th Street, Middle Village, NY
11379 (US).
(74) **ZBOROVSKY, Ilya**; 6 Schoolhouse Way, Dix
Hills, NY 11746 (US).
(81) AU BR CA CN MX NO SG; EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).
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(21) PCT/US97/20594
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,073 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 43/02, 43/12
(54) GROUNDWATER RECOVERY SYSTEM
SYSTEME DE RECUPERATION D'EAU SOU-
TERRAINE
(71) **INTERNATIONAL TECHNOLOGY CORPO-
RATION** [US/US]; 2790 Mosside Boulevard,
Monroeville, PA 15146 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72) **75 MASTROIANNI, John, J.** [US/US]; Suite
900, 2925 Briarpark, Houston, TX 77042 (US).
DeFABO, Darren, M. [US/US]; Suite 900, 2925
Briarpark, Houston, TX 77042 (US).
(74) **GRAHAM, Mark, S.** et al. / etc.; Luedeka, Neely
& Graham, P.O. Box 1871, Knoxville, TN 37901
(US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20233** (13) A2
(21) PCT/EP97/06195
(22) **7 Nov/nov 1997 (07.11.1997)**
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(31) 60/030,003 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 43/40, 43/12, 43/20
(54) FLUID SEPARATION AND REINJECTION SYS-
TEMS FOR OIL WELLS
SYSTEME DE SEPARATION ET DE REINJEC-
TION DE FLUIDES POUR PUITTS DE PETROLE
(71) **BAKER HUGHES LIMITED** [GB/GB]; Ham-
mersley House, 2nd floor, 5-8 Warwick Street,
London, W1R 6JE (GB).
(72) **SHAW, Christopher, K.**; 104 N.W. Russel Drive,
Claremore, OK 74017 (US).
(74) **FINCK, Dieter** et al. / etc.; von Fünér, Eb-
binghaus, Finck, Mariahilfplatz 2 & 3, D-81541
München (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).
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(21) PCT/US97/19941
(22) **5 Nov/nov 1997 (05.11.1997)**
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(31) 60/029,985 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ E21B 49/00, B09C 1/02, 1/08
(54) METHOD OF REMEDIATION OF CONTAMI-
NANTS IN POROUS MEDIA THROUGH MINI-
MIZATION OF BUOYANCY EFFECTS
PROCEDE DE DECONTAMINATION DE MI-
LIEUX POREUX PAR MINIMISATION DES EF-
FETS DE FLOTTABILITE
(71) **LOCKHEED MARTIN IDAHO TECHNOLO-
GIES COMPANY** [US/US]; P.O. Box 1625, Idaho
Falls, ID 83415-3899 (US). **THE BOARD OF
REGENTS OF THE UNIVERSITY OF TEXAS
SYSTEM** [US/US]; University of Texas at Austin,
Suite 1.9A, 3925 West Braker Lane, Austin, TX
78759 (US).
(72) **SHOOK, G., Michael**; 23 North 3300 East, Rigby,
ID 83442 (US). **POPE, Gary, A.**; 6003 Cape
Coral, Austin, TX 78746 (US).

- (74) **GOODSON, W., Gary**; Lockheed Martin Idaho Technologies Company, P.O. Box 1625, Idaho Falls ID 83415-3899 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/EP97/03479
(22) **2 Jul/juil 1997 (02.07.1997)**
(25) de (26) de
(31) 196 45 788.2 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F01L 1/18
(54) FINGER LEVER SHAPED WITHOUT CUTTING CULBUTEUR FAÇONNE SANS ENLEVEMENT DE COPEAUX
(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHMIDT, Dieter** [DE/DE]; Billrothstrasse 6, D-90482 Nürnberg (DE).
(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).
(81) CN DE JP KR US.

- (11) **WO 98/20236** (13) A1
(21) PCT/EP97/06091
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) de (26) de
(31) 196 45 665.7 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F01M 13/02, F02M 25/08
(54) VALVE UNIT ENSEMBLE SOUPAPE
(71) **FILTERWERK MANN + HUMMEL GMBH** [DE/DE]; D-71631 Ludwigsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MÜLLER, Heinz** [DE/DE]; Comburgweg 4, D-71686 Remseck (DE).
(74) **VOTH, Gerhard**; Filterwerk Mann + Hummel GmbH, D-71631 Ludwigsburg (DE).
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(22) **27 Oct/oct 1997 (27.10.1997)**
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(31) 08/742.651 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F01N
(54) IMPROVED MUFFLER WITH PARTITION ARRAY SILENCIEUX AMELIORE A SERIE DE CLOISONS
(71) **FLOWMASTER, INC.** [US/US]; 2975 Dutton Avenue #3, Santa Rosa, CA 95407 (US).
(72) **FLUGGER, Ray, T.**; P.O. Box 1159, Forestville, CA 95436 (US).
(74) **TRECARTIN, Richard, F.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
(81) AU CA JP NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/US97/19928
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/745.686 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F01N 3/08, 3/20
(54) EMISSION CONTROL SYSTEM SYSTEME DE REGULATION D'EMISSIONS
(71) **MATROS TECHNOLOGIES, INC.** [US/US]; 14963 Green Circle Drive, Chesterfield, MO 63017 (US).
(72) **MATROS, Yurii Sh.**; 14963 Green Circle Drive, Chesterfield, MO 63017 (US). **BUNIMOVICH, Grigorii A.**; Apartment H, 987 Rue de la Banque, Creve Coeur, MO 63141 (US). **STROTS, Vadim, O.**; Apartment 6, 7571 York Drive, Clayton, MO 63105 (US).
(74) **FISHEL, Grace, J.**; Suite 220, 11970 Borman Drive, St. Louis, MO 63146 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/EP97/05836
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) de (26) de
(31) 196 45 619.3 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F01N 7/08, 7/10
(54) EXHAUST GAS PIPE SYSTEM FOR DISCHARGING EXHAUST GASES FROM AN INTERNAL COMBUSTION ENGINE SYSTEME DE CONDUITE DE GAZ D'ÉCHAPPEMENT POUR ÉVACUER DES GAZ D'ÉCHAPPEMENT SE DEGAGEANT D'UN MOTEUR A COMBUSTION INTERNE

- (71) **EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, D-53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BRÜCK, Rolf** [DE/DE]; Fröbelstrasse 12, D-51429 Bergisch Gladbach (DE). **KAISER, Friedrich-Wilhelm** [DE/DE]; Landwehr 22, D-53819 Neunkirchen-Seelscheid (DE).
(74) **KAHLHÖFER, Hermann**; Bardehle, Pagenberg, Dost, Altenburg, Frohwitter, Geissler, Xantener Strasse 12, D-40474 Düsseldorf (DE).
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(22) **3 Nov/nov 1997 (03.11.1997)**
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(31) 2752/96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CH
(31) 236/97 (32) **3 Feb/fév 1997 (03.02.1997)** (33) CH
(31) 1401/97 (32) **9 Jun/juin 1997 (09.06.1997)** (33) CH
(31) 1855/97 (32) **5 Aug/Août 1997 (05.08.1997)** (33) CH
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F02B 17/00, 19/12
(54) PROCESS FOR THE FORMATION OF A FUEL MIXTURE AND FOR ITS IGNITION IN A PRE-CHAMBER THAT IS OPEN TOWARD THE CYLINDERS PROCEDE DE CONSTITUTION D'UN MELANGE DE CARBURANT ET D'ALLUMAGE DE CE MELANGE DANS UNE CHAMBRE DE PRECOMBUSTION OUVERTE VERS LES CYLINDRES
(71, 72) **RIGAZZI, Pier, Andrea** [IT/CH]; Contrada San Marco 42, CH-6982 Agno (CH).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/19801
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/740.751 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F02B 53/00, 75/36, F01B 19/00
(54) EXPANDABLE PISTON ROTARY MACHINE MACHINE A PISTON ROTATIF EXTENSIBLE
(71, 72) **KUEHNLE, Manfred, R.** [US/US]; Waldesruh, Route 103A, P.O. Box 1020, New London, NH 03257 (US).
(74) **O'KONSKI, Thomas, C.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20242** (13) A1

(21) PCT/NL97/00607

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 1004439 (32) **5 Nov/nov 1996 (05.11.1996)** (33) NL

(31) 9722292.1 (32) **27 Oct/oct 1997 (27.10.1997)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02B 71/04

(54) 1-CYLINDER-2-CHAMBER MOTOR MOTEUR MONOCYLINDRE A DEUX CHAMBRES

(71, 72) **PAGEL, Arnfried, Günter, Dagobert** [NL/GB]; The Mount Molyneux Avenue, Bovingdon, Hemel Hempstead, Herts HP3 0NZ (GB).

(81) BR CN JP RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20243** (13) A1

(21) PCT/US97/20470

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,892 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02C 7/236

(54) TURBINE ENGINE WITH TURBOCOMPRESSOR FOR SUPPLYING ATOMIZING FLUID TO TURBINE ENGINE FUEL SYSTEM TURBOMOTEUR A TURBOCOMPRESSEUR POUR AMENER UN FLUIDE D'ATOMISATION AU SYSTEME D'ALIMENTATION EN COMBUSTIBLE DE CE TURBOMOTEUR

(71) **NORTHERN RESEARCH & ENGINEERING CORPORATION** [US/US]; 39 Olympia, Woburn, MA 01801-2073 (US).

(72) **KESSELI, James, B.**; 19 Bayridge Road, Greenland, NH 03840 (US).

(74) **WATKINS, Mark, A.** et al. / etc.; Oldham Oldham Co., LPA, 1225 W. Market Street, Akron, OH 44313-7188 (US).

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(11) **WO 98/20244** (13) A2

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(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/743,434 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02F

(54) TOROIDAL INTERNAL COMBUSTION ENGINE MOTEUR A COMBUSTION INTERNE TORIQUE

(71) **NEW DEVICES ENGINEERING A.K.O. LTD.** [IL/IL]; Wingate 15/31, 49100 Petach Tikvah (IL).

(72) **ADAMOVSKI, Victor, Isaevich**; Wingate 15/31, 49100 Petach Tikvah (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20245** (13) A1

(21) PCT/US96/17616

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02K 1/15, 1/12

(54) A HOLLOW NOZZLE ACTUATING RING ANNEAU DE MANOEUVRE DE TUYERE CREUX

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **AUSDENMOORE, Robert, Michael**; 7981 Quail Hollow Court, West Chester, OH 45069 (US). **WAKEMAN, Thomas, George**; 527 Ridge Avenue, Lawrenceburg, IN 47025 (US).

(74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN IL JP KR RU; EP (DE ES FR GB IT SE).

(11) **WO 98/20246** (13) A1

(21) PCT/DE97/02244

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) de (26) de

(31) 196 45 819.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 31/18, 29/00, 53/02

(54) INTERNAL COMBUSTION ENGINE MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSER, Winfried** [DE/DE]; Kästnerstrasse 9, D-71642 Ludwigsburg (DE). **JOOS, Klaus** [DE/DE]; In der Eichhölde 3, D-74399 Walheim (DE). **ABIDIN, Anwar** [DE/DE]; Einsteinstrasse 27, D-71229 Leonberg (DE). **MALLEBREIN, Georg** [DE/DE]; Kniebisstrasse 19, D-78224 Singen (DE). **LANGE, Jörg** [DE/DE]; Schillerstrasse 9/3, D-71735 Eberdingen (DE). **EICHENDORF, Andreas** [DE/DE]; Paulinenstrasse 11/1, D-73164 Schorndorf (DE). **VOGEL, Christof** [DE/DE]; Sandstrasse 12, D-96120 Bischberg (DE). **BENZ,**

Gerhard [DE/DE]; Brucknerstrasse 8, D-71032 Böblingen (DE). **SIMON, Nikolaus** [DE/DE]; Oberer Leitenweg 20, D-82418 Murnau (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20247** (13) A1

(21) PCT/NL97/00610

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) nl (26) en

(31) 1004471 (32) **7 Nov/nov 1996 (07.11.1996)** (33) NL

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 37/10, B60K 15/05

(54) PRESSURE VESSEL ASSEMBLY ENSEMBLE RESERVOIR SOUS PRESSION

(71) **VIALLE BEHEER B.V.** [NL/NL]; P.O. Box 150, NL-5690 AD Son (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAASMA, Servatius, Alfons, Maria** [NL/NL]; Finistrelaan 47, NL-5627 TE Eindhoven (NL). **DEN HARTOG, Marcus, Johannes, Petrus, Gerardus** [NL/NL]; Koningskinderen 11, NL-5629 KC Eindhoven (NL).

(74) **DE BRULIN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20248** (13) A1

(21) PCT/KR97/00207

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 1996/38408 U (32) **5 Nov/nov 1996 (05.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 51/00

(54) MANIFOLD ABSOLUTE PRESSURE SENSOR FOR INTERNAL COMBUSTION ENGINES CAPTEUR DE PRESSION ABSOLUE D'ADMISSION DESTINE AUX MOTEURS A COMBUSTION INTERNE

(71) **KEFICO CORPORATION** [KR/KR]; 410, Dangjung-dong, Kunpo-si, Kyunggi-do 435-030 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Joo-Young** [KR/KR]; 305-101, Arum-maeul, 132, Eamae-dong, Bundang-gu, Sungnam-si, Kyunggi-do 463-060 (KR). **PARK, Hyun-Ju** [KR/KR]; 105-1101, Samhwan Apartment, Mansu-dong, Namdong-gu, Inchun-si 405-240 (KR). **LEE, Sang-Jo** [KR/KR]; 1402-1503, Maehwa Apartment, Sambon-1-dong, Kunpo-si, Kyunggi-do 435-041 (KR). **PARK, Tae-Wook** [KR/KR]; 39-3, Boulyang-dong, Gwachun-si, Kyunggi-do 427-040 (KR). **YU, Dae-Hyun** [KR/KR]; 851-309, Sulak Apartment, 1151-9, Sanbon-dong, Kunpo-si, Kyunggi-do 435-040 (KR).

(74) **RO, Wan-Goo**; Kyongwon Building, 3rd floor, 823-6, Yeocksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) JP US; EP (DE FR GB IT).

Published / Publiée : (c)

(11) **WO 98/20249** (13) A1

(21) PCT/KR97/00208

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 1996/38409 U (32) **5 Nov/nov 1996 (05.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 51/00

(54) PRESSURE AND TEMPERATURE SENSOR ASSEMBLY FOR INTERNAL COMBUSTION ENGINES
SYSTEME DE CAPTEURS DE PRESSION ET DE TEMPERATURE DESTINE AUX MOTEURS A COMBUSTION INTERNE

(71) **KEFICO CORPORATION** [KR/KR]; 410, Dangjung-dong, Kunpo-si, Kyunggi-do 435-030 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Joo-Young** [KR/KR]; 305-101, Arum-maeul, 132, Eamae-dong, Bundang-gu, Sungnam-si, Kyunggi-do 463-060 (KR). **PARK, Hyun-Ju** [KR/KR]; 105-1101, Samhwan Apt., Mansu-dong, Namdong-gu, Inchun-si 405-240 (KR). **LEE, Sang-Jo** [KR/KR]; 1402-1503, Maehwa Apt., Sanbon-1-dong, Kunpo-si, Kyunggi-do 435-041 (KR). **PARK, Tae-Wook** [KR/KR]; 39-3, Boulyang-dong, Gwachun-si, Kyunggi-do 427-040 (KR). **YU, Dae-Hyun** [KR/KR]; 851-309, Sulak Apt., 1151-9, Sanbon-dong, Kunpo-si, Kyunggi-do 435-040 (KR).

(74) **RO, Wan-Goo**; Kyongwon Building, 3rd floor, 823-6, Yeocksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) JP US; EP (DE FR GB IT).

Published / Publiée : (c)

(11) **WO 98/20250** (13) A1

(21) PCT/SE97/01828

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9604072-0 (32) **7 Nov/nov 1996 (07.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 55/00, 57/02, F02F 1/24

(54) A CYLINDER HEAD
CULASSE DE CYLINDRE

(71) **SCANIA CV AKTIEBOLAG (publ)** [SE/SE]; S-151 87 Södertälje (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPERLE, Peter** [SE/SE]; Lillhagavägen 27, S-155 31 Nykvarn (SE).

(74) **WALDEBÄCK, Hans**; Scania CV AB, Patents, S-151 87 Södertälje (SE).

(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20251** (13) A1

(21) PCT/US97/18940

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/745,401 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02M 61/16, 61/06

(54) FUEL INJECTOR NEEDLE TIP
EXTREMITE DE POINTEAU D'INJECTEUR DE CARBURANT

(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).

(72) **EGIZI, Lisa**; 532 C Water Edge, Newport News, VA 23606 (US).

(74) **WELLS, Russel, C.**; Siemens Corporation, 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US) et al. / etc.

(81) BR JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20252** (13) A1

(21) PCT/DE97/01663

(22) **7 Aug/Août 1997 (07.08.1997)**

(25) de (26) de

(31) 196 45 943.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F02N 11/08

(54) STARTER FOR AN INTERNAL COMBUSTION ENGINE
BLOC STARTER POUR MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHNER, Peter** [DE/DE]; Kirchheimer Strasse 18, D-71032 Boeblingen (DE). **SCHUSTEK, Siegfried** [DE/DE]; Groeninger Strasse 48, D-71254 Ditzingen (DE). **ACKERMANN, Manfred** [DE/DE]; Mittelgasse 3, D-71570 Oppenweiler (DE). **EISENHARDT, Martin** [DE/DE]; Staufer Strasse 11, D-71272 Renningen (DE). **SCHENK, Robert** [DE/DE]; Hermann-Essig-Strasse 56, D-71701 Schwieberfingen (DE).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20253** (13) A1

(21) PCT/US97/19780

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/740,716 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F03B 3/12, F16D 31/02

(54) STABLE WAVE MOTOR
MOTEUR ACTIONNE PAR UN MOUVEMENT ONDULATOIRE STABLE

(71, 72) **BERG, John, L.** [CA/US]; 415 Ward Drive, Oak Hill, FL 32759 (US).

(74) **KIEWIT, David, A.**; 5901 Third Street, South, St. Petersburg, FL 33705-5305 (US).

(81) AL AU BB BG BR CA CN DE EE ES GB IL IS JP KR LC LK LR LT LV MG MX NO NZ PL RO SG TR TT UA VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20254** (13) A1

(21) PCT/CA97/00806

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 2,189,697 (32) **6 Nov/nov 1996 (06.11.1996)** (33) CA

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F03B 13/26

(54) TIDAL ENERGY CONVERTER
CONVERTISSEUR D'ENERGIE MAREMOTRICE

(71, 72) **IANTKOW, Eli** [CA/CA]; R.R. #1 Site 21 Comp 1, Vanderhoof, British Columbia V0J 3A0 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20255** (13) A1

(21) PCT/JP97/03986

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) ja (26) ja

(31) 8/291621 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F03C 1/36

(54) CAM MOTOR DEVICE
DISPOSITIF DE MOTEUR A CAMES

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAI, Toshiyuki** [JP/JP]; Yodogawa Plant, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566 (JP). **KOIKE, Yoichiro** [JP/JP]; Yodogawa Plant, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566 (JP). **NARUSE, Toshihiro** [JP/JP]; Yodogawa Plant, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566 (JP). **SUHARA, Masaaki** [JP/JP]; Yodogawa Plant, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20256** (13) A1

(21) PCT/JP96/03222

(22) **5 Nov/nov 1996 (05.11.1996)**

(25) ja (26) ja

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F03D 9/00(54) POWER GENERATING WINDMILL DEVICE
EOLIEENNE PRODUISANT DE L'ENERGIE(71, 72) **OTA, Kosuke** [JP/JP]; 3-208, Zengyodanchi
1-ban, Fujisawa-shi, Kanagawa 251 (JP).(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).(11) **WO 98/20257** (13) A1

(21) PCT/NO97/00294

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) no (26) en

(31) 964723 (32) **7 Nov/nov 1996 (07.11.1996)** (33) NO

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F03G 7/04, F15B 15/14(54) INVERTED ACCUMULATOR
ACCUMULATEUR INVERSE(71) **SELANTIC INDUSTRIER A/S** [NO/NO];
N-5363 Ågotnes (NO).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) **LIEN, Eldar** [NO/NO]; N-6766 Kjølisdalen
(NO).(74) **ONSAGERS PATENTKONTOR - DEFENSOR
AS**; P.O. Box 265, Sentrum, N-0103 Oslo (NO).(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).(11) **WO 98/20258** (13) A1

(21) PCT/EP97/05396

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) de (26) de

(31) 196 45 580.4 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F04B 1/32, F03C 1/06(54) AXIAL PISTON MACHINE WITH DAMPING
ELEMENT FOR THE INCLINED OR WOBBLE
PLATE
MACHINE A PISTONS AXIAUX COMPOR-
TANT UN ELEMENT D'AMORTISSEMENT
POUR LE DISQUE INCLINE OU OSCILLANT(71) **BRUENINGHAUS HYDROMATIK GMBH**
[DE/DE]; Glockeraustrasse 2, D-89275 Elchingen
(DE).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) **STÖLZER, Rainer** [DE/DE]; Margarethen-
weg 5, D-89231 Neu-Ulm (DE).(74) **KÖRFER, Thomas**; Mitscherlich & Partner, Son-
nenstrasse 33, D-80331 München (DE).(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).(11) **WO 98/20259** (13) A2

(21) PCT/US97/16891

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) en (26) en

(31) 08/746,432 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F04C(54) CASCADED PROGRESSING CAVITY PUMP
SYSTEM
SYSTEMES DE POMPES A CAVITE PROGRES-
SIVE MONTEES EN CASCADE(71) **ROBBINS & MYERS, INC.** [US/US]; 1400 Ket-
tering Tower, Dayton, OH 45423-1400 (US).(72) **WILD, Alan, G.**; 9870 U.S. Highway 36 East,
Woodstock, OH 43084 (US). **MIRZA, Kamran,
Z.**; 824 Santa Monica Avenue, Springfield, OH
45503 (US). **CHANG, Sheldon, S., L.**; 5 Seaside
Drive, Port Jefferson, NY 11777 (US).(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine &
Flory LLP, 2000 Courthouse Plaza N.E., P.O. Box
8801, Dayton, OH 45401-8801 (US).(81) AU BR CA JP MX NO; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).(11) **WO 98/20260** (13) A2

(21) PCT/FR97/01994

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) fr (26) fr

(31) 96/13778 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F15B 13/01(54) DEVICE FOR HOLDING IN POSITION THE
ROD OF A PRESSURE CYLINDER
DISPOSITIF DE MAINTIEN EN POSITION DE
LA TIGE D'UN VERIN HYDRAULIQUE(71) **LOHR INDUSTRIE** [FR/FR]; 29, rue du 14
Juillet, F-67980 Hangenbieten (FR).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) **ANDRE, Jean-Luc** [FR/FR]; 40, Mont
Saint-Jean, F-67210 Obernai (FR).(74) **METZ, Paul**; Cabinet Metz Patni, Boîte postale
63, F-67024 Strasbourg Cedex (FR).(81) CA CN MX RU UA US; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).(11) **WO 98/20261** (13) A1

(21) PCT/US97/20093

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,286 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16B 7/10, 21/18, 37/8, E04B 1/00, 1/38, F16D
63/00(54) A FASTENER ASSEMBLY SERVING AS A PRO-
DUCT, OR COMBINED WITH OTHER COMPO-
NENTS AS A PRODUCT, ALLOWS AUTOMA-
TIC CONTROLLED MOVEMENTS IN ONE DI-
RECTION AND PREVENTS MOVEMENTS IN
THE OPPOSITE DIRECTION WHEN FORCES
ARE APPLIEDENSEMBLE DISPOSITIF DE FIXATION UTILI-
SE COMME PRODUIT, OU COMBINE A
D'AUTRES ELEMENTS COMME PRODUIT,
QUI PERMET LES DEPLACEMENTS AUTO-
MATIQUES DANS UN SENS ET EMPÊCHE LES
DEPLACEMENTS DANS LE SENS OPPOSE
LORS DE L'APPLICATION DE FORCES(71, 72) **ESPINOSA, Thomas, M.** [US/US]; 3024
139th Place S.E., Mill Creek, WA 98012 (US).(74) **MATTERN, Roy, E., Jr.**; 13415 S.E. 30th, Belle-
vue, WA 98005-4405 (US).(81) AT AU BR CA CH CN DE DK ES FI GB JP KP
KR MX NO NZ RU SE SG; EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20262** (13) A1

(21) PCT/US97/20225

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/745,039 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16B 37/02, 39/14, 33/02(54) LAMINATED INTERNALLY THREADED FAS-
TENER
ELEMENT DE FIXATION STRATIFIE, A FILE-
TAGE INTERIEUR(71) **SENCO PRODUCTS, INC.** [US/US]; 8485
Broadwell Road, Cincinnati, OH 45244 (US).(72) **McGUFFEY, Arnold, L.**; 9224 Coogan Drive,
Cincinnati, OH 45231 (US). **REMEROWSKI,
David, L.**; 8173 Fontaine Court, Cincinnati, OH
45236 (US).(74) **LITZINGER, Jerrold**; 8485 Broadwell Road,
Cincinnati, OH 45244 (US).(81) AM AT AU BB BG BR BY CA CH CN CZ DE
DK EE ES FI GB GE HU JP KE KG KP KR KZ
LK LR LT LU LV MD MG MN MW MX NO NZ
PL PT RO RU SD SE SI SK TJ TT UA UZ VN;
AP (GH KE LS MW SD SZ UG ZW); EP (AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE); OA (BF BJ CF CG CI CM GA GN ML
MR NE SN TD TG).

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(11) **WO 98/20263** (13) A1

(21) PCT/GB97/03016

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9622799.6 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16C 3/02, B29C 57/02(54) A ROTARY POWER TRANSMISSION SHAFT
AND A METHOD OF FORMING SUCH A
SHAFT
ARBRE DE TRANSMISSION DE PUISSANCE
ROTATIF ET PROCEDE DE FORMAGE D'UN
TEL ARBRE(71) **FLIGHT REFUELLING LIMITED** [GB/GB];
Brook Road, Wimborne, Dorset BH21 2BJ (GB).
*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) **SIMMONS, Ian, Anthony** [GB/GB]; 35 Cold-
harbour, Uffculme, Devon EX15 3EE (GB).

(74) **EVERITT, Christopher, James, Wilders et al.** / etc.; F.J. Cleveland & Company, 40-43 Chancery Lane, London WC2A 1JQ (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20264** (13) A1

(21) PCT/GB97/02846

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 9623052.9 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16C 33/20

(54) FORMING A BEARING
FORMATION D'UN PALIER

(71) **T & N TECHNOLOGY LIMITED** [GB/GB]; Cawston House, Cawston Lane, Rugby, Warwickshire CV22 7SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCDONALD, Julie, Ann** [GB/GB]; 3 Deerhurst Mews, The Green, Dunchurch, Rugby, Warwickshire CV22 6NJ (GB).

(74) **DRURY, Peter, Lawrence et al.** / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (GB).

(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20265** (13) A1

(21) PCT/EP97/05640

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 45 403.4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16G 13/16

(54) CHAIN LINK AND ENERGY-CONVEYING CHAIN WITH LOCKABLE CROSS BEAM
CHAINON ET CHAINE DE TRANSPORT D'ENERGIE A TRAVERSE ENCLENCHABLE

(71) **KABELSCHLEPP GMBH** [DE/DE]; Marienborner Strasse 75, D-57074 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Willibald** [DE/DE]; Auf dem Garten 18, D-57250 Netphen (DE).

(74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D-40474 Düsseldorf (DE).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20266** (13) A1

(21) PCT/EP97/06075

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 196 45 133.7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(31) 196 45 616.9 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16H 3/72, 61/02

(54) ARRANGEMENT FOR ELECTRONICALLY CONTROLLED, CONTINUOUS TORQUE DISTRIBUTION OF A DRIVE UNIT BY MEANS OF A DIFFERENTIAL GEAR
DISPOSITIF POUR LA REPARTITION EN CONTINU, A COMMANDE ELECTRONIQUE, DU COUPLE DE ROTATION D'UN GROUPE MOTEUR, PAR L'INTERMEDIAIRE D'UN ENGRENAGE DIFFERENTIEL

(71, 72) **LINDLMAIR, Thomas** [DE/DE]; Hallfeldweg 6, D-84453 Mühldorf (DE).

(74) **KUHNNEN, WACKER & PARTNER**; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

(81) AU BG BR CA CN CU CZ HU JP KR MX NO NZ PL RO SK TR UA US VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20267** (13) A1

(21) PCT/US97/19873

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/742,878 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16H 3/72

(54) VARIABLE DRIVE TRANSMISSION
TRANSMISSION MOTRICE VARIABLE

(63) US 08/742,878 (CON)
1 Nov/nov 1996 (01.11.1996)

(71, 72) **WERRE, Roger, L.** [US/US]; 2065 East Lassalle Way, Gilbert, AZ 85234 (US).

(74) **PARSONS, Robert, A.**; Suite 260, 340 East Palm Lane, Phoenix, AZ 85004 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20268** (13) A1

(21) PCT/US97/19920

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/743,003 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 08/953,686 (32) **17 Oct/oct 1997 (17.10.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16H 25/14, F02B 75/22, 75/32

(54) INTERNAL COMBUSTION ENGINE WITH OPTIMUM TORQUE OUTPUT
MOTEUR A COMBUSTION INTERNE ET A PUISSANCE TOTALE OPTIMALE

(71, 72) **WILLIAMS, Kenneth, A.** [US/US]; 506 North Greenwood Avenue, Clearwater, FL 33517 (US).

(74) **FRIEDMAN, Stuart, J.**; Sixbey, Friedman, Leedom & Ferguson, Suite 600, 2010 Corporate Ridge, McLean, VA 22102 (US).

(81) AU BR CA CN CZ FI JP KR MX PL RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20269** (13) A1

(21) PCT/JP97/03952

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 8/292763 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16H 61/00, 57/05

(54) CONTINUOUSLY VARIABLE TRANSMISSION WITH LUBRICATING APPARATUS
TRANSMISSION A VARIATION CONTINUE EQUIPEE D'UN APPAREIL DE LUBRIFICATION

(71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBAYASHI, Daisuke** [JP/JP]; 41-13-103, Nokendaidori, Kanazawa-ku, Yokohama-shi, Kanagawa 236 (JP).

(74) **SHIGA, Fujiya**; Ekisaikai Building, 1-29, Akashi-cho, Chuo-ku, Tokyo 104 (JP).

(81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20270** (13) A1

(21) PCT/EP97/05358

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) de (26) de

(31) 296 19 332.1 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F16J 15/06, F16L 23/16, F16B 2/22

(54) MOUNTING FOR MULTI-PART SEALING SYSTEMS
FIXATION POUR SYSTEMES D'ETANCHEITE A PLUSIEURS PARTIES

(71) **LEYBOLD VAKUUM GMBH** [DE/DE]; Bonner Strasse 498, D-50968 Köln (DE).
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(72, 75) **LITTERSCHEID, Herbert** [DE/DE]; Hammerstrasse 22b, D-52355 Düren (DE). **SCHWEIZER, Hans-Werner** [DE/DE]; Lindenstrasse 8, D-50321 Brühl (DE).

(74) **LEINEWEBER, Jürgen**; Aggerstrasse 24, D-50859 Köln (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/20271** (13) A1
(21) PCT/DK97/00510
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 1251/96 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DK
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F16K 31/122
(54) A VALVE ASSEMBLY ENSEMBLE SOUPEAPE
- (71) **APV FLUID HANDLING HORSENS A/S** [DK/DK]; Ternevej 61-63, DK-8700 Horsens (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETERSEN, Poul, Skadborg** [DK/DK]; Trædenvej 8, DK-8740 Brædstrup (DK).
- (74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20272** (13) A1
(21) PCT/FR97/01955
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) fr (26) fr
(31) 96/13398 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F16L 31/02, 33/00, 47/02, 47/00
(54) METHOD FOR LOCKING THE JOINTING OF A PLASTIC TUBE ON A CONNECTING PIECE PROCEDE DE VERROUILLAGE DE L'EMMANCHEMENT D'UN TUBE EN MATIERE PLASTIQUE SUR UN EMBOUT
- (71) **NOBEL PLASTIQUES** [FR/FR]; 41, rue des Trois Fontanot, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOULET, Michel** [FR/FR]; 11, rue de l'Allée, F-51300 Loisy sur Marne (FR).
- (74) **ROBERT, Jean-Pierre** et al. / etc.; Cabinet Boettcher, 23, rue La Boétie, F-75008 Paris (FR).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20273** (13) A1
(21) PCT/CH97/00422
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) de (26) de
(31) 2736/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) CH
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F16M 13/04
(54) DEVICE FOR SUPPORTING AN OPTICAL APPARATUS IN ITS POSITION OF USE
- (71, 72) **SCHNELLER, Ronald, G.** [CH/CH]; Höhenweg 6, CH-4614 Hägendorf (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20274** (13) A1
(21) PCT/SE97/01832
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 9604051-4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F17C 1/16, B29C 53/60
(54) REINFORCED PLASTIC CONTAINER CONTENANT PLASTIQUE RENFORCE
- (71) **COMPOSITE SCANDINAVIA AB** [SE/SE]; P.O. Box 276, S-941 26 Piteå (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGLUND, Kurt** [SE/SE]; Harrbäcken 1731, S-940 21 Norrjärden (SE).
- (74) **HELLBOM, Lars** et al. / etc.; H. Albihs Patentbyrå AB, P.O. Box 3137, S-103 62 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20275** (13) A1
(21) PCT/US97/19002
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) en (26) en
(31) 08/743,435 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F17C 5/00, F24F 3/16, F25B 19/00
(54) A METHOD FOR CRYOPRESERVATION OF BIOLOGICAL SAMPLES PROCEDE DESTINE A LA CRYOCONSERVATION D'ECHANTILLONS BIOLOGIQUES
- (71) **STATE OF ISRAEL** [IL/IL]; P.O. Box 6, Bet Dagan (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi, 43406 Raanana (IL).
(only for / seulement pour TJ)
- (72, 75) **ARAV, Amir** [IL/IL]; Shlomzion Hamalka 59, 62266 Tel Aviv (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o SHEINBEIN, Robert, 2940 Birchtree Lane, Silver Spring, MD 20906 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (11) **WO 98/20276** (13) A1
(21) PCT/AU97/00743
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 70634/96 (32) **5 Nov/nov 1996 (05.11.1996)** (33) AU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F21L 7/00, 9/00, 11/00
(54) A PORTABLE LIGHTING PRODUCT, A PORTABLE LIGHTING PRODUCT CIRCUIT AND A FUNCTIONING METHOD FOR A PORTABLE LIGHTING PRODUCT CIRCUIT ARTICLE D'ECLAIRAGE PORTABLE, CIRCUIT POUR ARTICLE D'ECLAIRAGE PORTABLE ET PROCEDE DE FONCTIONNEMENT DE CE CIRCUIT D'ARTICLE D'ECLAIRAGE PORTABLE
- (71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DALTON, David, Richard** [AU/AU]; 19 Stonecrop Road, North Turramurra, NSW 2074 (AU).
- (74) **FREEHILLS PATENT ATTORNEYS**; Level 34, MLC Centre, Martin Place, Sydney, NSW 2000 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20277** (13) A1
(21) PCT/DE97/02532
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) de (26) de
(31) 296 19 074.8 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ F21M 1/00, A61C 19/00, G03B 15/035, 15/14
(54) REFLECTIVE OPTICS AND SPECIAL STATIVE FOR VIDEO CAMERA MOUNTED ON A DENTAL LAMP OPTIQUE DE RENVOI ET STATIF SPECIAL POUR CAMERA VIDEO MONTEE SUR LAMPE DENTAIRE
- (71, 72) **RADDATZ, Benno** [DE/DE]; Grenzstrasse 60, D-76448 Durmersheim (DE).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20278** (13) A1

(21) PCT/FR97/01977

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) fr (26) fr

(31) 96/13444 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F21M 3/05, B60Q 1/00, F21V 8/00

(54) MOTOR VEHICLE HEADLIGHT WITH IN-LINE FLOODLIGHT
PROJECTEUR POUR VEHICULE AUTOMOBILE PRESENTANT UN FAISCEAU LUMINEUX EN LIGNE

(71) **VALEO VISION** [FR/FR]; 34, rue Saint-André, F-93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CIBIE, Pierre** [FR/MC]; L'Albatros, 7, boulevard Albert 1er, MC-08000 Monaco (MC).

(74) **BONNANS, Arnaud**; Valeo Management Services, Propriété Industrielle, 2, rue André Boule, Boîte postale 150, F-94017 Créteil (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20279** (13) A1

(21) PCT/US97/20257

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 8/294922 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F21V 8/00

(54) LIGHT-ILLUMINATING RODS
TIGES D'ILLUMINATION PAR AMENEE DE LUMIERE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOJIRI, Yukio** [JP/JP]; 23-1, Sugekitaura 2-chome, Tama-ku, Kawasaki-city, Kanagawa pref. 214 (JP). **MATSUMOTO, Kenji** [JP/JP]; 9-4-303, Chiyogaoka 2-chome, Asao-ku, Kawasaki-city, Kanagawa pref. 215 (JP). **IRIE, Shinichi** [JP/JP]; 1-17-402, Tsukimino 1-chome, Yamato-city, Kanagawa pref. 242 (JP).

(74) **BUCKINGHAM, Stephen, W.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20280** (13) A1

(21) PCT/DE97/02479

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) de (26) de

(31) 196 45 748.3 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F22B 37/10, 29/06

(54) METHOD APPLICABLE TO A CONTINUOUS STEAM GENERATOR, AND THE STEAM GENERATOR NEEDED FOR APPLYING SAME
PROCEDE APPLICABLE AVEC UN GENERATEUR DE VAPEUR EN CONTINU, ET LE GENERATEUR DE VAPEUR NECESSAIRE A L'APPLICATION DE CE PROCEDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASTNER, Wolfgang** [DE/DE]; Kärntnerstrasse 18, D-91074 Herzogenaurach (DE). **KÖHLER, Wolfgang** [DE/DE]; Röckenhofer Hauptstrasse 22, D-90562 Kalchreuth (DE). **WITTCROW, Eberhard** [DE/DE]; Schronfeld 96, D-91054 Erlangen (DE).

(81) CA CN JP KR PL RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20281** (13) A1

(21) PCT/DE97/02493

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) de (26) de

(31) 196 45 180.9 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F23D 11/28, F23K 5/04

(54) PRESSURE ATOMIZING TYPE BURNER FOR AN ENGINE INDEPENDENT HEATING SYSTEM IN A VEHICLE
BRULEUR A PULVERISATION SOUS PRESSION POUR SYSTEME DE CHAUFFAGE AUTOMOBILE INDEPENDANT DU MOTEUR

(71) **J. EBERSPÄCHER GMBH & CO.** [DE/DE]; Eberspächerstrasse 24, D-73730 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFISTER, Wolfgang** [DE/DE]; Wittumhalde 2, D-73732 Esslingen (DE). **SCHMID, Hans-Jürgen** [DE/DE]; Odenheimstrasse 28, D-71642 Ludwigsburg (DE). **WACKER, Heinrich** [DE/DE]; Untere Rainstrasse 8, D-73235 Weilheim (DE). **SCHODT, Adolf** [DE/DE]; Kolpingstrasse 18, D-73732 Esslingen (DE). **GÖTZ, Dieter** [DE/DE]; Lenastrasse 15/1, D-73230 Kirchheim (DE). **EBERSPACH, Günter** [DE/DE]; Seestrasse 9, D-72649 Wolfschlügen (DE).

(81) CA CZ DE JP US.

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(11) **WO 98/20282** (13) A1

(21) PCT/US97/19727

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,383 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F23D 14/22, 11/44

(54) DYNAMIC FLUID INJECTOR
INJECTEUR DYNAMIQUE DE FLUIDES

(71) **HYDROGEN BURNER TECHNOLOGY, INC.** [US/US]; 3925 Vernon Street, Long Beach, CA 90815 (US).
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(72, 75) **MOARD, David, M.** [US/US]; 3925 Vernon Street, Long Beach, CA 90815 (US). **GREINER, Leonard** [US/US]; 3925 Vernon Street, Long Beach, CA 90815 (US).

(74) **ABRAHAMS, Colin, P.**; Suite 400, 5850 Canoga Avenue, Woodland Hills, CA 91367 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20283** (13) A1

(21) PCT/AU97/00727

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) PO 3388 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F24B 7/02, 5/02, 5/14, 12/74

(54) A SHOTGUN CARTRIDGE
CARTOUCHE POUR FUSIL DE CHASSE

(71, 72) **SYMONDS, Alan, Griffiths** [AU/AU]; Mt. Flora, Nebo, QLD 4742 (AU).

(74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20284** (13) A2

(21) PCT/EP97/05971

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 45 720.3 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ F24C 15/20

(54) EXTRACTOR HOOD TO BE USED AS DIRECTED ABOVE A COOKER HOB
HOTTE ASPIRANTE CONÇUE POUR UNE UTILISATION SELON LES PRESCRIPTIONS AU-DESSUS D'UNE PLAQUE DE CUISSON

(71) **BOSCH-SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, D-81669 München (DE).

(72) **FEISTHAMMEL, Egon**; Wallstrasse 4, D-76437 Rastatt (DE). **MEINHARDT, Gert**; Sparbachtstrasse 8, D-75053 Gondelsheim (DE). **SCHMID, Dietrich**; Sudetenweg 64, D-71139 Ehningen (DE). **KELLER, Hans, Gerd**; Rob.-Stolz-Strasse 3, D-63179 Obertshausen (DE). **LEICHT, Rolf**; Nikolaus-Müller-Strasse 15, D-75015 Bretten (DE).

(81) CN JP KR.

- (11) **WO 98/20285** (13) A1
 (21) PCT/US97/20260
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/743,306 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F24F 3/147
 (54) AIR TO AIR HEAT AND MOISTURE RECOVERY VENTILATOR
 VENTILATEUR DE RECUPERATION AIR-AIR DE CHALEUR ET D'HUMIDITE
 (71) **STIRLING TECHNOLOGY, INC.** [US/US]; 178 Mill Street, Athens, OH 45701 (US).

- (72) **CHAGNOT, Catherine, J.**; 7300 North Blackburn Road, Athens, OH 45701 (US). **CRUM, Joseph, Arden**; 146 1/2 Morris Avenue, Athens, OH 45701 (US).

- (74) **BEYER, James, E.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20286** (13) A1
 (21) PCT/NL97/00611
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 1004469 (32) **7 Nov/nov 1996 (07.11.1996)** (33) NL
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F24H 1/22, 7/04
 (54) HEATING APPARATUS
 APPAREIL DE CHAUFFAGE
 (71, 72) **VAN DEN BERG, Robert, Ferdinand, Alwin** [NL/NL]; Bottelierstraat 40, NL-1671 JW Medemblik (NL).

- (74) **T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20287** (13) A1
 (21) PCT/EP97/06179
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 1004410 (32) **1 Nov/nov 1996 (01.11.1996)** (33) NL

- (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F24H 1/43, 1/52, 6/00
 (54) HEATING APPARATUS AND METHOD FOR OPERATION THEREOF
 APPAREIL DE CHAUFFAGE ET SON PROCEDE DE FONCTIONNEMENT

- (71) **COOPERATIEVE INKOOPTVERENIGING "COOPRA-ROTTERDAM" N.V.** [NL/NL]; Haringvliet 72, NL-3011 TG Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BROUWER, Johan, Derk** [NL/NL]; Elburgerweg 9, NL-8162 NN Epe (NL). **BENSCHOP, Wim** [NL/NL]; Parklaan 4, NL-3262 EW Oud-Beijerland (NL). **DE BRUIN, Paulus, Albertus, Bartholomeus** [NL/NL]; Achillesstraat 711, NL-1076 RG Amsterdam (NL).

- (74) **ARNOLD & SIEDSMA**; Sweelinckplein 1, NL-2517 GK The Hague (NL).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20288** (13) A1
 (21) PCT/US97/20040
 (22) **3 Nov/nov 1997 (03.11.1997)**

- (25) en (26) en
 (31) 60/030,086 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F25B 9/00, 9/02
 (54) IMPROVEMENT TO PULSE TUBE REFRIGERATOR
 AMELIORATION APORTEE A UN REFRIGERATEUR A TUBE DE PULSATION
 (71, 72) **MITCHELL, Matthew, P.** [US/US]; 151 Alvarado Road, Berkeley, CA 94705 (US).

- (74) **WHITE, Douglas, E.**; Acronational Law Firm, Suite 1530, 33 New Montgomery Street, San Francisco, CA 94105 (US).

- (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20289** (13) A1
 (21) PCT/US97/19637
 (22) **31 Oct/oct 1997 (31.10.1997)**

- (25) en (26) en
 (31) 08/743,373 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F25B 15/02

- (54) TRIPLE EFFECT ABSORPTION REFRIGERATION SYSTEM
 SYSTEME DE REFRIGERATION PAR ABSORPTION A TRIPLE EFFET

- (71) **YORK INTERNATIONAL CORPORATION** [US/US]; Mail Code 191A, P.O. Box 1592, York, PA 17405 (US).

- (72) **HE, Xiaoyu**; 716 Tanglewood Lane, York, PA 17402 (US).

- (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

- (81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20290** (13) A1

- (21) PCT/US97/18732
 (22) **21 Oct/oct 1997 (21.10.1997)**

- (25) en (26) en
 (31) 60/030,265 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

- (31) 08/878,979 (32) **19 Jun/juin 1997 (19.06.1997)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ F25B 41/04

- (54) A THERMAL EXPANSION VALVE AND SYSTEM INCLUDING SUCH DEVICE AND METHOD FOR MAKING SUCH DEVICE
 DETENDEUR THERMOSTATIQUE, SYSTEME COMPRENANT UN TEL DISPOSITIF ET PROCEDE DE FABRICATION D'UN TEL DISPOSITIF

- (71, 72) **CLAWSON, Lawrence, G.** [US/US]; 7 Rocky Brook Road, Dover, MA 02030 (US).

- (74) **FOSTER, Scott, R.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154 (US).

- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20291** (13) A1

- (21) PCT/US97/20151
 (22) **4 Nov/nov 1997 (04.11.1997)**

- (25) en (26) en
 (31) 60/030,308 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

- (31) 60/047,064 (32) **19 May/mai 1997 (19.05.1997)** (33) US

- (31) 08/963,422 (32) **3 Nov/nov 1997 (03.11.1997)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ F25B 41/04, F25D 21/06

- (54) DUAL EVAPORATOR REFRIGERATION UNIT AND THERMAL ENERGY STORAGE UNIT THEREFORE
 UNITE REFRIGERANTE A DEUX EVAPORATEURS ET UNITE DE STOCKAGE D'ENERGIE THERMIQUE AFFERENTE

- (71, 72) **JAMES, Timothy, W.** [US/US]; 965 Village Lane, Santa Barbara, CA 93110 (US).

- (74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20292** (13) A1
 (21) PCT/SE97/01829
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) sv (26) en
 (31) 9604020-9 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F28F 3/12, 21/06, B29C 69/00 // F24J 2/20
 (54) DEVICE AND PROCESS FOR THE MANUFACTURE OF A FLEXIBLE HEAT EXCHANGER PROCEDE ET DISPOSITIF DE PRODUCTION D'UN ECHANGEUR THERMIQUE FLEXIBLE
 (71, 72) **ERIKSSON, Per, Gunnar** [SE/SE]; Rådhusplanaden 4 A, S-903 28 Umeå (SE).
 (74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S-104 35 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20293** (13) A1
 (21) PCT/US97/20120
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 60/030,132 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F41C 33/02
 (54) SECURITY AND DEPLOYMENT SYSTEM ETUI DE SECURITE POUR ARMES A FEU
 (71, 72) **RASSIAS, John, N.** [US/US]; 7700 Cedarwood Circle, Boca Raton, FL 33434 (US).
 (74) **ZIESENHEIM, Frederick, B.** et al. / etc.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20294** (13) A2
 (21) PCT/CA97/00837
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 60/030,052 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F42B 7/00, 7/04
 (54) HIGH-DENSITY SPORTING DEVICES AND METHODS DISPOSITIFS ET PROCEDES DE SPORT A HAUTE DENSITE
 (71, 72) **BROWN, John, E.** [CA/CA]; 8 Northwood Avenue, St. Catharines, Ontario L2M 4J6 (CA).
 (74) **JOHNSTON, Malcolm**; Malcolm Johnston & Associates, Suite 505, 133 Richmond Street West, Toronto, Ontario M5H 2L3 (CA).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20295** (13) A1
 (21) PCT/AU97/00742
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) PO 3398 (32) **1 Nov/nov 1996 (01.11.1996)** (33) AU
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F42D 1/08, 1/18, 1/22, E21B 33/128
 (54) INFLATABLE PLUGS FOR CHARGING BLASTHOLES BOUCHONS GONFLABLES POUR CHARGER LES TROUS DE MINE
 (71) **ICI AUSTRALIA OPERATIONS PROPRIETARY LIMITED** [AU/AU]; 1 Nicholson Street, Melbourne, VIC 3003 (AU).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **THOMSON, Stephen** [AU/AU]; 28 Sunhill Drive, Merewether Heights, NSW 2291 (AU).
 (74) **ROLLS, Carolyn, Lesley** et al. / etc.; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20296** (13) A1
 (21) PCT/GB97/02892
 (22) **21 Oct/oct 1997 (21.10.1997)**
 (25) en (26) en
 (31) 9622942.2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ F42D 1/08, E21B 33/134
 (54) STEMMING ARRANGEMENT AND METHOD FOR BLAST HOLES DISPOSITIF DE BOURRAGE ET PROCEDE POUR TROUS DE MINES
 (71, 72) **SHANN, Peter, Christian** [GB/GB]; Delwood Croft, Fenwicks Lane, Fulford, York YO1 4PL (GB).
- (74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20297** (13) A1
 (21) PCT/EP97/06031
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) BO96A000563 (32) **7 Nov/nov 1996 (07.11.1996)** (33) IT
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01B 5/012, 7/012, 13/02
 (54) HEAD FOR THE LINEAR DIMENSION CHECKING OF MECHANICAL PIECES TETE PERMETTANT DE VERIFIER LA DIMENSION LINEAIRE DE PIECES MECANQUES
 (71) **MARPOSS SOCIETA' PER AZIONI** [IT/IT]; Via Saliceto, 13, I-40010 Bentivoglio (IT).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VENTURA, Luciano** [IT/IT]; Via Guicciardini, 24, I-40069 Zola Predosa (IT).
 (74) **MINIUCCHI, Silvio**; Marpos S.p.A., Via Saliceto, 13, I-40010 Bentivoglio (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20298** (13) A1
 (21) PCT/US97/12971
 (22) **23 Jul/juil 1997 (23.07.1997)**
 (25) en (26) en
 (31) 60/029,887 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (31) 08/878,614 (32) **19 Jun/juin 1997 (19.06.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01B 7/14
 (54) SENSING AND CONTROLLING THE LOCATION OF ELEMENTS OF A LINEAR MOTOR DETECTION ET COMMANDE DE L'EMPLACEMENT D'ELEMENTS D'UN MOTEUR LINEAIRE
 (71) **NORTHERN MAGNETICS, INC.** [US/US]; 25026 Anza Drive, Santa Clarita, CA 91355 (US).
 (72) **HINDS, Walter, E.**; 1358 Schuyler, Beverly Hills, CA 90210 (US). **LEWIS, Martyn, E.**; 1135 Las Pulgas Place, Pacific Palisades, CA 90272-2440 (US).

(74) **BERMAN, Charles**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025 (US).

(81) DE DE (Utility model / modèle d'utilité) GB IL JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20299** (13) A1

(21) PCT/US97/20180

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,295 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01B 9/02

(54) APPARATUS AND METHOD FOR REAL-TIME SPECTRAL ALIGNMENT FOR OPEN-PATH FOURIER TRANSFORM INFRARED SPECTROMETERS
APPAREIL ET TECHNIQUE CORRESPONDANTE PERMETTANT UN ALIGNEMENT SPECTRAL EN TEMPS REEL POUR SPECTROMETRE INFRAROUGE A TRAJECTOIRE OUVERTE A TRANSFORMEE DE FOURIER

(71) **AIL SYSTEMS, INC.** [US/US]; Commack Road, Deer Park, NY 11729 (US).

(72) **WANG, Chung-Tao, David**; 11 Oxford Avenue, Melville, NY 11747 (US). **KAGANN, Robert, Howard**; 2895 Bordeaux Boulevard, Cumming, GA 30131 (US).

(74) **BODNER, Gerald, T.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

(81); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20300** (13) A1

(21) PCT/US97/20530

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,607 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01B 9/02, 11/24, G01C 1/00

(54) LASER MEASUREMENT SYSTEM FOR RAPID CALIBRATION OF MACHINE TOOLS
SYSTEME DE MESURE LASER POUR ETALONNAGE RAPIDE DE MACHINES-OUTILS

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US).

(72) **HUANG, Peisen, S.**; Apartment G4, 835 Nesconset Highway, Nesconset, NY 11767 (US).

(74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20301** (13) A1

(21) PCT/US97/19897

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,089 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01C 11/02, H04N 3/15

(54) ELECTRO-OPTICAL RECONNAISSANCE SYSTEM WITH FORWARD MOTION COMPENSATION
SYSTEME OPTRONIQUE DE RECONNAISSANCE A COMPENSATION DU MOUVEMENT VERS L'AVANT

(71, 72) **MATHEWS, Bruce, Albert** [US/US]; 36 Primrose Lane, Kings Park, NY 11754 (US). **COON, Bryan, Huntington** [US/US]; 9 Crown Street, Hicksville, NY 11801 (US).

(74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) IL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20302** (13) A1

(21) PCT/JP97/04042

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/293994 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01C 15/00, G01B 11/00, G01T 7/00

(54) DEVICE FOR DETECTING OBSTACLE ON SURFACE OF TRAVELING ROAD OF TRAVELING OBJECT
DISPOSITIF PERMETTANT DE DETECTER UN OBSTACLE SUR LA SURFACE DE LA VOIE DE DEPLACEMENT D'UN OBJET EN MOUVEMENT

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
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(72, 75) **MIZUI, Seiichi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **YAMAGUCHI, Hiroyoshi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **SHINBO, Tetsuya** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **YOSHIMI, Osamu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).

(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).

(81) AU US.

(11) **WO 98/20303** (13) A1

(21) PCT/JP97/04014

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/291975 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01C 21/00, G09G 5/00

(54) IMAGE/VOICE OUTPUT APPARATUS AND CAR NAVIGATION SYSTEM
DISPOSITIF A SORTIE IMAGE/VOIX ET SYSTEME DE NAVIGATION POUR AUTOMOBILE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOTEKI, Hiroyuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **KOBAYASHI, Mamoru** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20304** (13) A1

(21) PCT/DE97/02402

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) de (26) de

(31) 196 45 394.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01C 21/20, 21/16

(54) POSITION DETECTOR WITH SATELLITE SIGNAL RECEIVER
DETECTEUR DE POSITION A RECEPTEUR DE SIGNAUX DE SATELLITE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BODE, Friedrich-Wilhelm** [DE/DE]; Schaeferstrasse 15, D-31552 Apelern (DE). **TANNEBERGER, Volkmar** [DE/DE]; Sohldfeld 40, D-31139 Hildesheim (DE).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(25) sv (26) en

(31) 9604076-1 (32) **7 Nov/nov 1996 (07.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01F 1/075, B67D 5/20

(54) APPARATUS FOR VOLUME DETERMINATION
DISPOSITIF SERVANT A DETERMINER UN VOLUME

(71) **DRESSER WAYNE AB** [SE/SE]; P.O. Box 30049, S-200 61 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUNDGREN, Christer** [SE/SE]; Stora Grönegatan 16 A, S-235 33 Vellinge (SE). **LARSSON, Bengt, I.** [SE/SE]; Tingaröd 119, S-274 53 Skivarp (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/US97/19730
 (22) **29 Oct/oct 1997 (29.10.1997)**
 (25) en (26) en
 (31) 08/748,477 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01F 1/84
 (54) DIGITAL PHASE LOCKED LOOP SIGNAL PROCESSING FOR CORIOLIS MASS FLOW METER
 TRAITEMENT NUMERIQUE DE SIGNAUX PAR BOUCLE A PHASE ASSERVIE POUR DEBITMETRE-MASSE A ACCELERATION DE CORIOLIS

(71) **SCHLUMBERGER INDUSTRIES, INC.** [US/US]; Suite 250, 4960 Peachtree Boulevard, Norcross, GA 30071 (US). **CONTINUUM TECHNOLOGY CORPORATION** [US/US]; 220 Continuum Drive, Fletcher, NC 28732 (US).

(72) **FREEMAN, Belvin, S.**; 90 Oteen Church Road, Asheville, NC 28805 (US).

(74) **MOOSE, Richard, M.**; Dority & Manning, Attorneys at Law, P.A., Suite 15, 700 East North Street, Greenville, SC 29601 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20307** (13) A1
 (21) PCT/SE97/01864
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 (25) sv (26) en
 (31) 9604074-6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01F 25/00, B67D 5/08
 (54) METHOD AND APPARATUS FOR CALIBRATION
 PROCEDE ET DISPOSITIF D'ETALONNAGE
 (71) **DRESSER WAYNE AB** [SE/SE]; P.O. Box 30049, S-200 61 Malmö (SE).
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 (72, 75) **OLSSON, Mats, E.** [SE/US]; Great Hill Reserve, 7604 Ashleaf Cove, Austin, TX 78759 (US).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/SE97/01865
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) sv (26) en
 (31) 9604075-3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01F 25/00, 3/00, B67D 5/06
 (54) METHOD AND APPARATUS FOR VOLUME DETERMINATION
 PROCEDE ET DISPOSITIF SERVANT A DETERMINER UN VOLUME
 (71) **DRESSER WAYNE AB** [SE/SE]; P.O. Box 30049, S-200 61 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BERGKVIST, Anders** [SE/SE]; Upplandsgatan 4, S-214 29 Malmö (SE). **BJURNEMARK, Anders** [SE/SE]; Romelegatan 3, S-216 19 Malmö (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/SE97/01816
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 (31) 9603998-7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01G 1/056
 (54) EXCHANGE SYSTEM FOR LINKING CALL FROM A PERSON ORDERING A VEHICLE TO A VEHICLE AMONG SEVERAL VEHICLES
 SYSTEME DE COMMUTATION POUR METTRE EN LIAISON UNE PERSONNE APPELANTE POUR DEMANDER UN VEHICULE AVEC UN VEHICULE PARI MI D'AUTRES

(71, 72) **SIRMANSHAHIL, Afshin** [SE/SE]; Dalkärsleden 95, S-162 71 Vällingby (SE).

(74) **SUNDSTRÖM, Per** et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20310** (13) A1
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 (31) 196 45 534.0 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01G 19/44, 23/00
 (54) BATHROOM SCALE
 PESE-PERSONNE
 (71) **SOEHNLE AG** [CH/CH]; Kriessernstrasse, CH-9462 Montlingen (CH).
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 (72, 75) **SOEHNLE, Armin** [DE/DE]; Oberer Hofberg 8, D-71540 Murrhardt (DE).

(74) **DREISS, Uwe**; Patentanwälte Dreiss, Fuhlendorf, Steimle & Becker, Gerokstrasse 6, D-70188 Stuttgart (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20311** (13) A1
 (21) PCT/US97/16880
 (22) **23 Sep/sep 1997 (23.09.1997)**
 (25) en (26) en
 (31) 08/743,206 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01J 1/32, H05B 35/00, H03G 3/12
 (54) METHOD AND SYSTEM FOR CONTROLLING LIGHT INTENSITY IN A MACHINE VISION SYSTEM
 PROCEDE ET SYSTEME POUR REGLER L'INTENSITE LUMINEUSE DANS UN SYSTEME DE VISION ARTIFICIELLE
 (71) **MEDAR, INC.** [US/US]; 38700 Grand River Avenue, Farmington Hills, MI 48335 (US).

(72) **MAHANEY, Craig, L.**; 563 Allen Road, Lot #77, Milan, MI 48160 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20312** (13) A1
 (21) PCT/US97/19898

(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 60/030,454 (32) 6 Nov/nov 1996 (06.11.1996) (33) US

(31) 08/964,204 (32) 4 Nov/nov 1997 (04.11.1997) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01J 3/28, G01N 21/19(54) DIFFERENTIAL SPECTRAL TOPOGRAPHIC ANALYSIS (DISTA)
ANALYSE TOPOGRAPHIQUE SPECTRALE DIFFERENTIELLE (DISTA)(71, 72) **HIRSH, Allen, G.** [US/US]; 8406 Queen Annes Drive, Silver Spring, MD 20910 (US). **TSONEV, Latchezar I.** [BG/US]; 17128 King James Way #301, Gaithersburg, MD 20877 (US). **LITVINOVITCH, Serguei** [UA/US]; 17117 King James Way #202, Gaithersburg, MD 20877 (US). **MEHL, Patrick, M.** [FR/US]; 10525 Smithy Court, North Potomac, MD 20878 (US).(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20313** (13) A1

(21) PCT/CZ97/00039

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(31) PV 3225-96 (32) 4 Nov/nov 1996 (04.11.1996) (33) CZ

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01J 3/447, G02B 5/30(54) METHOD AND DEVICE FOR THE SPECTRAL ANALYSIS OF LIGHT
PROCEDE ET DISPOSITIF POUR UNE ANALYSE SPECTRALE DE LA LUMIERE(71, 72) **HEŘMAN, Petr** [CZ/CZ]; Šromova 867, 198 00 Praha 9 (CZ). **VEČER, Jaroslav** [CZ/CZ]; Dejvická 35, 160 00 Praha 6 (CZ).(74) **GABRIELOVÁ, Marta**; Inventia s.r.o., Třída Politických veznu 7, 110 00 Praha 1 (CZ).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20314** (13) A2

(21) PCT/US97/20523

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 60/032,051 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01K

(54) DIFFERENTIAL SCANNING CALORIMETER DISPOSITIF D'ANALYSE CALORIMETRIQUE A COMPENSATION DE PUISSANCE

(71) **TA INSTRUMENTS, INC.** [US/US]; 109 Lukens Drive, New Castle, DE 19720 (US).(72) **DANLEY, Robert, L.**; 450 Harrison Avenue, Collingswood, NJ 08107 (US). **READER, John, R., Jr.**; 12 Firechase Circle, Newark, DE 19711 (US). **SCHAEFER, John, W.**; 1214 Haines Avenue, Wilmington, DE 19809 (US).(74) **GOTTS, Lawrence, J.** et al. / etc.; Crowell & Moring LLP, 1001 Pennsylvania Avenue, N.W., Washington, DC 20004-2595 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20315** (13) A1

(21) PCT/US97/20009

(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 08/744,357 (32) 6 Nov/nov 1996 (06.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01K 7/18, 7/22, 7/34(54) TEMPERATURE MEASUREMENT METHOD USING TEMPERATURE COEFFICIENT TIMING FOR RESISTIVE OR CAPACITIVE SENSORS
PROCEDE DE MESURE DE LA TEMPERATURE METTANT EN OEUVRE UNE SYNCHRONISATION DU COEFFICIENT DE TEMPERATURE ET DESTINE A DES CAPTEURS RESISTIFS OU CAPACITIFS(71) **LOCKHEED MARTIN ENERGY RESEARCH CORPORATION** [US/US]; Bethel Valley Road, P.O. Box 2008, Oak Ridge, TN 37831 (US).(72) **BRITTON, Charles, L.**; 1425 Ramsay Street, Alcoa, TN 37701 (US). **ERICSON, M., Nance**; 1517 Moorgate Drive, Knoxville, TN 37922 (US).(74) **NELSON, Gregory, A.** et al. / etc.; Quarles & Brady, 4th floor, 222 Lakeview Avenue, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) en (26) en

(31) 9623139.4 (32) 6 Nov/nov 1996 (06.11.1996) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01K 7/34, 17/00(54) A TEMPERATURE SENSOR AND SENSING APPARATUS
CAPTEUR DE TEMPERATURE ET APPAREIL DE DETECTION(71) **EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)** [-/LU]; Commission of the European Communities, Bâtiment Jean Monnet, Plateau de Kirchberg, L-2930 Luxembourg (LU). (for all designated States except / pour tous les États désignés sauf US)(72, 75) **DI MAIO, Marco** [DE/GB]; 2 Western Road, Oxford OX1 4LG (GB). **REICHLER, Roger** [DE/FR]; 22 Vallon Des Sources, Chemin de Beaugard, F-13100 Aix en Provence (FR).(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20317** (13) A1

(21) PCT/US97/20473

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/744,981 (32) 7 Nov/nov 1996 (07.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01L 5/00, 1/14, 25/00, B30B 15/00(54) CONTINUOUS DUTY TIE ROD PRESS STRAIN MONITOR
APPAREIL DE MESURE EN CONTINU DE CONTRAINTE DANS UNE PRESSE A TIRANTS DE RACCORDEMENT(71) **ANGSTROM CORPORATION** [US/US]; 22800 Lakeland Boulevard, Euclid, OH 44132 (US).(72) **RASMUSSEN, Steven, F.**; 5837 Tiffany Court, Lyndhurst, OH 44124 (US). **RASMUSSEN, Robert, F.**; 1094 Dorsh Road, South Euclid, OH 44121 (US).(74) **JAFFE, Michael, A.**; Benesch, Friedlander, Coplan & Aronoff LLP, 2300 BP Tower, 200 Public Square, Cleveland, OH 44114-2378 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 8/291986 (32) 1 Nov/nov 1996 (01.11.1996) (33) JP

(31) 8/291987 (32) 1 Nov/nov 1996 (01.11.1996) (33) JP

(31) 8/291988 (32) 1 Nov/nov 1996 (01.11.1996) (33) JP

(31) 8/291989 (32) 1 Nov/nov 1996 (01.11.1996) (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 1/02, 33/00(54) AUTOMATIC SMOKING MACHINE
MACHINE A FUMER AUTOMATIQUE(71) **JAPAN TOBACCO INC.** [JP/JP]; 2-1, Toranomom 2-chome, Minato-ku, Tokyo 105 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKUMA, Yuzuru** [JP/JP]; Japan Tobacco Inc., Engineering R+D Center, 1-31, Kurobeoka, Hiratsuka-shi, Kanagawa-ken 254 (JP). **TOMITA, Yasumasa** [JP/JP]; Japan Tobacco Inc., Engineering R+D Center, 1-31, Kurobeoka, Hiratsuka-shi, Kanagawa-ken 254 (JP). **KITAMOTO, Tomoyoshi** [JP/JP]; Japan Tobacco Inc., Engineering R+D Center, 1-31, Kurobeoka, Hiratsuka-shi, Kanagawa-ken 254 (JP). **TOZAWA, Takao** [JP/JP]; Japan Tobacco Inc., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN KR US; EP (DE FR GB).

(11) **WO 98/20319** (13) A1

(21) PCT/US97/19396

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,647 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 1/40, 15/06

(54) SYSTEMS AND METHODS FOR GENERATING FLUID SAMPLES HAVING SELECT CONCENTRATIONS OF PARTICLES
SYSTEMES ET PROCEDES DE RECUEIL D'ECHANTILLONS DANS UN LIQUIDE PRESENTANT UNE CONCENTRATION SELECTIONNEE EN PARTICULES

(71) **CYTYC CORPORATION** [US/US]; 85 Swansen Road, Boxborough, MA 01719 (US).

(72) **RADCLIFFE, Gail, E.**; 11 Palisades Street, Worcester, MA 01604 (US). **LAPEN, Daniel, C.**; 95 Packard Street, Lancaster, MA 01523 (US). **FESTEL, Charles, A.**; 168 Tremont Street, Newton, MA 02158 (US).

(74) **MEYERS, Thomas, C.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/743,554 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(31) 08/743,555 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 15/02, 21/00

(54) DEVICE FOR MEASURING THE CONCENTRATION OF AIRBORNE FIBERS
DISPOSITIF DE MESURE DE LA CONCENTRATION DE FIBRES DANS L'AIR

(71) **CERTAINTEED CORPORATION** [US/US]; 750 East Swedesford Road, P.O. Box 860, Valley Forge, PA 19482-0101 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENCE, Brian, M.** [US/US]; 515 Columbia Avenue, Lansdale, PA 19446 (US).

(74) **CRONK, Peter, J.**; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB HU JP KR NO PL SE SI TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20321** (13) A1

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(31) 08/743,789 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 21/00

(54) SCALABLE NON-CONTACT OPTICAL BACKSCATTER INSERTION PROBE
SONDE D'INSERTION A RETRODIFFUSION OPTIQUE SANS CONTACT A DIMENSIONS VARIABLES

(71) **KB SCIENCE** [US/US]; 39 Airport Circle, Beaufort, SC 22902 (US).

(72) **BOSTATER, Charles, Jr.**; 110 Cat Cay Lane, Indian Harbour Beach, FL 32937 (US).

(74) **BERMAN, Paul, J.**; Covington & Burling, 1201 Pennsylvania Avenue, N.W., P.O. Box 7566, Washington, DC 20044 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 96203057.3 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 21/49, 33/543 // 33/76

(54) TEST DEVICE FOR BODILY FLUIDS
DISPOSITIF POUR EFFECTUER UN TEST SUR DES LIQUIDES DU CORPS

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) **KREUWEL, Hermanus, Johannus, Maria** [NL/NL]; Vivaldistraat 10, NL-5481 LW Schijndel (NL).

(74) **HERMANS, Frans**; P.O. Box 20, NL-5340 BH Oss (NL).

(81) AU BR CA CN JP KR MX TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20323** (13) A1

(21) PCT/US97/20539

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,112 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/050,809 (32) **26 Jun/juin 1997 (26.06.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 21/51

(54) PARTICLE ANALYSIS SYSTEM AND METHOD
SYSTEME ET PROCEDE D'ANALYSE DE PARTICULES

(63) US 08/747,112 (CIP)
US 8 Nov/nov 1996 (08.11.1996)
60/050,809 (CIP)
26 Jun/juin 1997 (26.06.1997)

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; Office of Technology Transfer, 1650 Engineering Administration Building, Room 328 ENAD, West Lafayette, IN 47906 (US).
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(74) **PAYNTER, L., Scott** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20324** (13) A1

(21) PCT/US97/13651

(22) **1 Aug/Août 1997 (01.08.1997)**

(25) en (26) en

(31) 08/743,411 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 21/61

(54) MULTIPLE-GAS NDIR ANALYZER
SPECTROMETRE A GAZ MULTIPLES D'ABSORPTION NON DISPERSIVE DANS L'INFRAROUGE

(71) **ANDROS INCORPORATED** [US/US]; 2332 Fourth Street, Berkeley, CA 94710-2402 (US).

(72) **WILLIAMS, Kevin, G.**; 1280 Page Court, Pinole, CA 94564 (US). **CHRISTENSEN, Kim, S.**; 1216 Lillian Street, Livermore, CA 94550 (US).

(74) **BARTELS, Donald, L.** et al. / etc.; Suite 3300, Four Embarcadero Center, San Francisco, CA 94111 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20325** (13) A1
 (21) PCT/CA97/00819
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/744,213 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 21/71, 33/15
 (54) METHOD AND APPARATUS FOR RAPID *IN SITU* ANALYSIS OF PRESELECTED COMPONENTS OF HOMOGENEOUS SOLID COMPOSITIONS, ESPECIALLY PHARMACEUTICAL COMPOSITIONS
 PROCEDE ET APPAREIL DESTINES A UNE ANALYSE *IN SITU* RAPIDE DE COMPOSANTS, SELECTIONNES AU PREALABLE, DE COMPOSITIONS SOLIDES HOMOGENES, EN PARTICULIER DE COMPOSITIONS PHARMACEUTIQUES
 (71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; Intellectual Property Services Office, EG-12, Building M-58, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).
 (72) **SABSABI, Mohamad**; 453 Darontal #417, Boucherville, Quebec J4B 6J4 (CA). **BUSSIÈRE, Jean, F.**; 1000 Des Tilleuls #4, St. Bruno, Quebec J3V 5N8 (CA).
 (74) **SZERESZEWSKI, Juliusz**; National Research Council of Canada, Intellectual Property Services Office, EG-12, Building M-58, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).
 (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20326** (13) A1
 (21) PCT/US97/19931
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 60/029,888 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 21/86
 (54) METHOD OF QUANTIFYING VISUAL UNIFORMITY OF PLANAR OBJECTS
 PROCEDE DE QUANTIFICATION DE L'UNIFORMITE VISUELLE D'OBJETS PLANS
 (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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 (72, 75) **RUBIN, Barry** [US/US]; 99 Fox Valley Lane, Glen Mills, PA 19342 (US). **MERRILL, Michael, James** [US/US]; 26 Scottie Lane, New Castle, DE 19720 (US). **CANNING, Robert, Vincent, Jr.** [US/US]; 519 Samwill Bridge Lane, Bear, DE 19701 (US). **SIMPSON, Thomas, William, III** [US/US]; 1813 Galey Street, Boothwyn, PA 19061 (US). **LEWITTES, Mark, E.** [US/US]; 17 Briar Road, Wilmington, DE 19803 (US).
 (74) **HAMBY, Jane, O.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KP KR KZ LC LR LT LU LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20327** (13) A1
 (21) PCT/US97/20058
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 08/743,998 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 21/88
 (54) AUTOMATED INSPECTION SYSTEM WITH BRIGHT FIELD AND DARK FIELD ILLUMINATION
 SYSTEME DE CONTROLE AUTOMATISE PAR ECLAIRAGE SUR FOND CLAIR OU SUR FOND NOIR
 (63) US 08/743,998 (CON)
 4 Nov/nov 1996 (04.11.1996)
 (71) **KLA-TENCOR CORPORATION** [US/US]; 160 Rio Robles, San Jose, CA 95134-1809 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ADDIEGO, Ginetto** [US/US]; 1438 Bonita #5, Berkeley, CA 94709 (US).
 (74) **PREISS, Richard, B.**; Stoel Rives LLP, Suite 2300, 900 Southwest Fifth Avenue, Portland, OR 97204-1268 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20328** (13) A1
 (21) PCT/US97/20387
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/745,118 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 21/91
 (54) DETECTION OF ALKALI-SILICA REACTION SWELLING IN CONCRETE BY STAINING
 DETECTION DANS LE BETON DU GONFLEMENT DU A LA REACTION ALCALI-SILICE PAR COLORATION
 (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Business and Patent Law, Mail Stop D412, Los Alamos, NM 87545 (US).
 (71, 72) **GUTHRIE, George, D., Jr.** [US/US]; 1319 Escalante, Santa Fe, NM 87505 (US). **CAREY, J., William** [US/US]; 1372 Santa Rosa Drive, Santa Fe, NM 87505 (US).
 (74) **FREUND, Samuel, M.**; Los Alamos National Laboratory, Mail Stop D412, Los Alamos, NM 87545 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20329** (13) A1
 (21) PCT/IB97/01207
 (22) **3 Oct/oct 1997 (03.10.1997)**
 (25) en (26) en
 (31) 96203078.9 (32) **5 Nov/nov 1996 (05.11.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 23/223 // H01J 37/00
 (54) X-RAY ANALYSIS APPARATUS PROVIDED WITH A DOUBLE COLLIMATOR MASK
 APPAREIL D'ANALYSE AUX RAYONS X MUNI D'UN COLLIMATEUR A DOUBLE MASQUE
 (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
 (only for / seulement pour SE)
 (72) **VAN DER WAL, Hendricus, Gerardus, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **BAKKER, Hendrik**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
 (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20330** (13) A1
 (21) PCT/FI97/00667
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 964414 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G01N 27/04, G08B 21/00 // E04F 15/20
 (54) DETECTOR ARRANGEMENT FOR DETECTING HUMIDITY OR WATER IN STRUCTURES
 ENSEMBLE DE DETECTION SERVANT A DETECTER LA PRESENCE D'HUMIDITE OU D'EAU DANS UNE STRUCTURE
 (71) **UPOFLOOR OY** [FI/FI]; Souranderintie, FIN-37100 Nokia (FI).
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 (72, 75) **PELTONEN, Petri** [FI/FI]; Katriankatu 3 D 67, FIN-33310 Tampere (FI). **RÖTSA, Kari** [FI/FI]; Haukkamäenkatu 1 D 48, FIN-33560 Tampere (FI).
 (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20331** (13) A1
 (21) PCT/GB97/03046
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 9623272.3 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

- (31) 9712691.6 (32) **18 Jun/juin 1997** (33) GB
(18.06.1997)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 27/30
- (54) ELECTRODES AND THEIR USE IN ASSAYS
ELECTRODES ET LEUR UTILISATION DANS
DES DOSAGES
- (71) **CAMBRIDGE SENSORS LIMITED** [GB/GB];
Downhams House, Downhams Lane, Cambridge
CB4 1XT (GB).
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désignés sauf US)
- (72, 75) **WILLIAMS, Stephen, Charles** [GB/GB];
Cambridge Sensors Limited, Downhams House,
Downhams Lane, Cambridge CB4 1XT (GB).
YON-HIN, Bernadette [GB/GB]; Cambridge
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[GB/GB]; 122 Limes Road, Hardwick, Cambridge
CB3 7XU (GB).
- (74) **GILL JENNINGS & EVERY**; Broadgate House,
7 Eldon Street, London EC2M 7LH (GB).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

- (11) **WO 98/20332** (13) A1
(21) PCT/GB97/02948
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en

- (31) 9623149.3 (32) **7 Nov/nov 1996** (33) GB
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 27/327, C12Q 1/00

- (54) BIOSENSOR INCORPORATING A SURFAC-
TANT
BIOCAPTEUR CONTENANT UN TENSIOAC-
TIF
- (71) **THE VICTORIA UNIVERSITY OF MAN-
CHESTER** [GB/GB]; Oxford Road, Manchester
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- (72, 75) **VADGAMA, Pankaj, Maganlal** [GB/GB]; 4
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ter M28 4QA (GB). **MAINES, Andrew, David**
[GB/GB]; 61 Whitelake Avenue, Flixton, Manches-
ter M41 5GN (GB).

- (74) **ATKINSON, Peter, Birch**; Marks & Clerk, Sussex
House, 83-85 Mosley Street, Manchester M2 3LG
(GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20333** (13) A1
(21) PCT/GB97/03005
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en

- (31) 9623147.7 (32) **7 Nov/nov 1996** (33) GB
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 27/327, C12Q 1/00

- (54) MEMBRANE FOR A SENSOR
MEMBRANE POUR CAPTEUR
- (71) **THE VICTORIA UNIVERSITY OF MAN-
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- (74) **ATKINSON, Peter, Birch**; Marks & Clerk, Sussex
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(GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
US UZ VN YU ZW; AP (GH KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20334** (13) A1
(21) PCT/DE97/02538
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de

- (31) 196 45 684.3 (32) **6 Nov/nov 1996** (33) DE
(06.11.1996)
- (31) 197 46 743.1 (32) **23 Oct/oct 1997** (33) DE
(23.10.1997)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 27/407
- (54) ELECTROCHEMICAL SENSOR
CAPTEUR ELECTROCHIMIQUE

- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30
02 20, D-70442 Stuttgart (DE).
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- (72, 75) **JACH, Olaf** [DE/DE]; Mercedesstrasse 16,
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- (81) BR JP KR US; EP (AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20335** (13) A1
(21) PCT/IL97/00323
(22) **6 Oct/oct 1997 (06.10.1997)**
(25) en (26) en

- (31) 119579 (32) **7 Nov/nov 1996** (33) IL
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 27/72

- (54) METHOD AND APPARATUS FOR THE ON-
LINE MEASUREMENT OF THE STRENGTH OF
METAL CABLES
PROCEDE ET APPAREIL PERMETTANT DE
MESURER DIRECTEMENT LA RESISTANCE
DE CABLES METALLIQUES

- (71) **CASE TECHNOLOGIES LTD.** [IL/IL]; P.O. Box
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- (72, 75) **MELAMUD, Mordechai** [IL/IL]; Yehu Street
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- (74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto &
Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20336** (13) A1
(21) PCT/US97/19119

- (22) **20 Oct/oct 1997 (20.10.1997)**
(25) en (26) en
- (31) 08/745,678 (32) **8 Nov/nov 1996** (33) US
(08.11.1996)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 30/96, 24/00, 1/22

- (54) METHODS FOR THE DETECTION OF NITRIC
OXIDE IN FLUID MEDIA
METHODES POUR DETECTER LE
MONOXYDE D'AZOTE DANS DES MILIEUX
FLUIDES

- (63) US 08/745,678 (CON)
8 Nov/nov 1996 (08.11.1996)

- (71) **MEDINOX, INC.** [US/US]; Suite E, 11555 Sor-
rento Valley Road, San Diego, CA 92121 (US).
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- (72, 75) **LAI, Ching-San** [US/US]; 209 Lolita Street,
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- (74) **REITER, Stephen, E.**; Gray Cary Ware & Freiden-
rich, Suite 1600, 4365 Executive Drive, San Diego,
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20337** (13) A1
(21) PCT/US97/20097
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en

- (31) 08/744,111 (32) **5 Nov/nov 1996** (33) US
(05.11.1996)
- (31) 08/925,849 (32) **8 Sep/sep 1997** (33) US
(08.09.1997)

- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01N 31/00, 31/16, 33/02, 21/00

- (54) METHODS AND DEVICES FOR DETECTING
SPOILAGE IN FOOD PRODUCTS
PROCEDE ET DISPOSITIF DE DETECTION DE
LA DEGRADATION DE PRODUITS ALIMEN-
TAIRES

- (71) **BIODETECT CORPORATION** [US/US]; Stable
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(US).

- (72) **WALLACH, Donald, F., H.;** 38, route de Maignou, CH-1208 Geneva (CH). **NOVIKOV, Alexander;** 22 Hiram Road, Framingham, MA 01701 (US).
- (74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20338** (13) A1

(21) PCT/DK97/00492

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 1221/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/04, 33/02, 21/09 // 21/35

(54) A METHOD AND FLOW SYSTEM FOR SPECTROMETRY AND A CUVETTE FOR THE FLOW SYSTEM
PROCEDE ET SYSTEME A COURANT POUR SPECTROMETRIE ET CUVETTE POUR LEDIT SYSTEME A COURANT

(71) **FOSS ELECTRIC A/S** [DK/DK]; P.O. Box 260, DK-3400 Hillerød (DK).
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(72, 75) **FRANSEN, Andreas, Skærland** [DK/DK]; Parkvej 4, DK-3550 Slangerup (DK). **PEDERSEN, Søren, Christian** [DK/DK]; Brickasvej 21, DK-3400 Hillerød (DK). **RIDDER, Carsten** [DK/DK]; Højstrupvej 165, DK-2700 Brønshøj (DK). **THOMSEN, Henrik** [DK/DK]; Gl. Holmegårdsvej 710, DK-3400 Hillerød (DK).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20339** (13) A1

(21) PCT/CA97/00810

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 2,189,817 (32) **7 Nov/nov 1996 (07.11.1996)** (33) CA

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/12, 21/64

(54) APPARATUS FOR USE IN DETERMINING MEAT TENDERNESS
L'APPAREIL DESTINE A DETERMINER LA TENDRETE D'UNE VIANDE

(71) **ONTARIO CATTLEMEN'S ASSOCIATION** [CA/CA]; 130 Malcolm Road, Guelph, Ontario N1K 1B1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICHMOND, Robert, J.** [CA/CA]; P.O. Box 5030, Lacombe, Alberta T4L 1W7 (CA). **NADEAU, Steven, P.** [CA/CA]; 95 Starview Crescent, Guelph, Ontario N1E 7A1 (CA).

(74) **WOODLEY, John, H.;** Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20340** (13) A1

(21) PCT/US97/20395

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,885 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/15, 13/00, A61K 9/14

(54) A DISSOLUTION TEST METHOD FOR SOLID STEROIDAL PHARMACEUTICAL FORMULATIONS
METHODE D'ESSAI DE DISSOLUTION POUR FORMULATION PHARMACEUTIQUE STEROIDIENNE SOLIDE

(71) **ORTHO PHARMACEUTICAL CORPORATION** [US/US]; U.S. Route #202, P.O. Box 300, Raritan, NJ 08869-0606 (US).

(72) **CORBO, Michael;** 27 Litton Road, Flemington, NJ 08822 (US). **DeGHETTO, Paul, Kevin;** 312 Ware Court, Bound Brook, NJ 08805 (US). **SCHULTZ, Thomas, William;** 91 Matthew Circle, Richboro, PA 18954 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson and Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20341** (13) A1

(21) PCT/US97/20599

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,756 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/20

(54) SAMPLE PREPARATION FOR METALS ANALYSIS USING ACCELERATED ACID DIGESTION (AAD)
PREPARATION D'UN ECHANTILLON POUR ANALYSE DE METAUX PAR DIGESTION ACIDE ACCELEREE

(71) **MOUNTAIN STATES ANALYTICAL, INC.** [US/US]; 1645 West 2200 South, Salt Lake City, UT 84119 (US).

(72) **OLIPHANT, Joseph, Lawrence;** 5670 W. 9600 N., Highland, UT 84003 (US). **ROBERTS, Kenneth, Alan;** 1612 Providence Road, Titus, AL 36080 (US). **LATER, Douglas, Wayne;** 4 Swallow Wood Lane, Sandy, UT 84092 (US).

(74) **WESTERN, M., Wayne** et al. / etc.; Thorpe, North & Western, LLP, Suite 200, 9035 South 700 East, Sandy, UT 84070 (US).

(81) AU CA JP: EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20342** (13) A1

(21) PCT/GB97/02951

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 9622840.8 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9704654.4 (32) **6 Mar/mar 1997 (06.03.1997)** (33) GB

(31) 9714270.7 (32) **8 Jul/juil 1997 (08.07.1997)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/28, B67D 5/06, B60S 5/02

(54) TESTING DEVICE AND METHOD OF USE
APPAREIL TESTEUR ET PROCEDE D'UTILISATION

(71) **BP OIL INTERNATIONAL LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
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(72, 75) **CLARK, Alisdair, Quentin** [GB/GB]; 18 Britten Close, Ash, Aldershot, Hants GU12 6LS (GB). **READ, Harry** [GB/GB]; 8 Clarewood Road, Camberley, Surrey GU15 3TE (GB).

(74) **WILSON, Michael, John;** BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 1LN (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20343** (13) A2

(21) PCT/EP97/06121

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 45 729.7 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(31) 197 28 991.6 (32) **7 Jul/juil 1997 (07.07.1997)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/48

(54) RECEPTOR BINDING ASSAY, APPROPRIATE RECOMBINANT FUSION RECEPTOR FOR SAID ASSAY, VECTOR FOR ITS PRODUCTION AND REAGENT KIT FOR IMPLEMENTING THE RECEPTOR BINDING ASSAY

TEST DE LIAISON D'UN RECEPTEUR, RE-CEPTEUR DE FUSION RECOMBINE APPROPRIE POUR CE TEST, VECTEUR POUR SA PREPARATION ET JEU DE REACTIFS POUR EFFECTUER CE TEST

(71) **B.R.A.H.M.S DIAGNOSTICA GMBH** [DE/DE]; Komturstasse 19-20, D-12099 Berlin (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOOS, Ulrich** [DE/DE]; Otto Elsässer Weg 9, D-89081 Ulm (DE). **MINICH, Waldemar, B.** [DE/DE]; Ochsensteige 7, D-89075 Ulm (DE).

(74) **ANDRAE, Steffen**; Andrae, Flach, Haug, Kneissl, Bauer, Schneider, Balanstrasse 55, D-81541 München (DE) et al. / etc.

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20344** (13) A1

(21) PCT/US97/20210

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,240 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/48, 21/64, C07C 49/633, 49/67

(54) COMPOSITIONS AND METHODS FOR DETECTION OF AN AMINE COMPOUND
COMPOSITIONS ET PROCÉDES POUR LA DETECTION D'UN COMPOSE AMINE

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).

(72) **JOULLIE, Madeleine, M.**; 288 St. James Place, Philadelphia, PA 19106 (US). **HAUZE, Diane**; Apartment 3B, 294 Iven Avenue, St. Davids, PA 19087 (US). **PETROVSKAIA, Olga**; 4236 Spruce Street #3F, Philadelphia, PA 19104 (US).

(74) **LEARY, Kathryn** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., 22nd floor, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20345** (13) A1

(21) PCT/US97/20086

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/746,109 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/49, 21/25, 15/00

(54) RED BLOOD CELL SPILLOVER DETECTION TECHNIQUE
TECHNIQUE DE DETECTION DU DEBORDEMENT DES GLOBULES ROUGES

(71) **COBE LABORATORIES, INC.** [US/US]; 1185 Oak Street, Lakewood, CO 80215 (US).

(72) **GIBBS, Bruce, W.**; 8425 Wright Street, Arvada, CO 80005 (US).

(74) **O'CONNOR, Edna, M.**; 1201 Oak Street, Lakewood, CO 80215 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20346** (13) A1

(21) PCT/SE97/01854

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) sv (26) en

(31) 9604059-7 (32) **6 Nov/nov 1996 (06.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/497, 33/98

(54) METHOD AND APPARATUS FOR DETERMINING INDIRECTLY THE CONCENTRATION OF A SPECIFIC SUBSTANCE IN THE BLOOD
PROCÉDE ET APPAREIL SERVANT A ETABLIR INDIRECTEMENT LA CONCENTRATION D'UNE SUBSTANCE PREDETERMINEE DANS LE SANG

(71) **SERVOTEK AB** [SE/SE]; Villa Fortuna, S-232 91 Arlööv (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSSON, Sven, Gunnar** [SE/SE]; Villa Fortuna, S-232 91 Arlööv (SE). **BRAUER, Stefan** [SE/SE]; Kollegievägen 56, S-224 73 Lund (SE). **LINGE, Anders** [SE/SE]; Helgesväg 7, S-244 36 Kävlinge (SE). **NIININEN, Tarmo** [SE/SE]; Guldregngatan 27, S-243 32 Höör (SE). **NILSSON, Krister** [SE/SE]; Aktrisgatan 10, S-215 83 Malmö (SE). **RYDGREN, Göran** [SE/SE]; Strandängsvägen 4, S-230 44 Bunkeflostrand (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20347** (13) A1

(21) PCT/US97/20438

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,413 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/50, 33/566, 33/68

(54) ASSAY FOR LIPOPOLYSACCHARIDE ANTAGONISTS
DOSAGE D'ANTAGONISTES DES LIPOPOLYSACCHARIDES

(71) **EISAI CO., LTD.** [JP/JP]; Koishikawa 4-6-10, Bunkyo-ku, Tokyo 112-88 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSOVSKY, Fabian** [US/US]; 28 Algonquin Avenue, Andover, MA 01810 (US). **FERRIN, Melissa** [US/US]; 43 Oak Street, Middleboro, MA 02346 (US).

(74) **SCHAFFER, Robert** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20348** (13) A1

(21) PCT/US97/20053

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,767 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/52, B01D 69/14

(54) OPAQUE REACTION MATRIX FOR THE ANALYSIS OF WHOLE BLOOD
MATRICE REACTIONNELLE OPAQUE POUR L'ANALYSE DE SANG ENTIER

(71) **MERCURY DIAGNOSTICS, INC.** [US/US]; Suite D, 1137 San Antonio Road, Palo Alto, CA 94304 (US).

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(72, 75) **GRAGE, Henry, M., Jr.** [US/US]; 175 Tenby Terrace, Danville, CA 94506 (US). **DOUGLAS, Joel, S.** [US/US]; 2048 Calabazas Boulevard, Santa Clara, CA 95051 (US). **LEE, Pat, S.** [US/US]; Apartment 15, 3485 Alameda de las Pulgas, Menlo Park, CA 94025 (US).

(74) **DILLAHUNTY, T., Gene** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20349** (13) A1

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(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,020 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/53

(54) COMPLEX CHEMICAL LIBRARIES
BIBLIOTHEQUES CHIMIQUES COMPLEXES

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

(72) **COOK, Phillip, Dan**; 2124 Acker Way, Escondido, CA 92029 (US). **AN, Haoyun**; 2057 Village Park Way #203, Encinitas, CA 92024 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20350** (13) A1

(21) PCT/US97/20305

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,960 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/53

(54) COMBINATORIAL HYDROXY-AMINO ACID AMIDE LIBRARIES
BANQUES COMBINATOIRES D'AMIDE D'ACIDE AMINE HYDROXYLE

(71) **PHARMACOPEIA, INC.** [US/US]; Princeton Forrestal Center, 101 College Road East, Princeton, NJ 08540 (US).
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(72, 75) **DOLLE, Rolland, Ellwood, III** [US/US]; 550 Prince Frederick Street, King of Prussia, PA 19406 (US). **GUO, Tao** [CN/US]; 29K Reeler Lane, Somerset, NJ 08873 (US). **JOHNSON, Theodore, Otto, Jr.** [US/US]; 926 Tide Court, Carlsbad, CA 92009 (US). **PATEL, Hitesh, K.** [GB/US]; Building 9, Apartment 2D, Petunia Drive, North Brunswick, NJ 08902 (US). **TAO, Shiwei** [CN/US]; 19-02 Fox Run Drive, Plainsboro, NJ 08536 (US). **HE, Zhen, Min** [CN/US]; 5 Pennyroyal Court, Princeton, NJ 08540 (US).

(74) **CLEMENT, Candice, J.** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, New York 12203 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20351** (13) A1

(21) PCT/US97/20045

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,164 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/543, 33/551, 33/542

(54) ASSAYS USING REFERENCE MICROPARTICLES
DOSAGES BIOLOGIQUES UTILISANT DES MICROPARTICULES DE REFERENCE

(71) **SIENNA BIOTECH, INC.** [US/US]; Suite 180, 9115 Guilford Road, Columbia, MD 21046 (US).

(72, 75) **STEEL, James, S.**; 841 Bowie Road, Rockville, MD 20852 (US). **BODNER, Anne, J.**; 8304 Fenway Road, Bethesda, MD 20817 (US). **KOCHAR, Manish, S.**; 11650 Sun Circle Way, Columbia, MD 20144 (US). **FORD, Glen, M.**; 19118 Capehart Drive, Gaithersburg, MD 20879 (US). **HUFFE, John, P.**; 3408 Old Gamber Road, Finksburg, MD 21048 (US).

(74) **FOLEY, Shawn, P.** et al. / etc.; Lerner, David, Lit-tenberg, Krumholz & Mentlik, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20352** (13) A2

(21) PCT/US97/20075

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/744,228 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/543, B01J 3/00, C12Q 1/24

(54) METHOD AND APPARATUS FOR COLLECTING A CELL SAMPLE FROM A LIQUID SPECIMEN
PROCEDE ET APPAREIL DE RECUPERATION D'UN ECHANTILLON DE CELLULES A PARTIR D'UN ECHANTILLON LIQUIDE

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(72) **GORDON, Julian**; 307 E. Sheridan Road, Lake Bluff, IL 60044 (US).

(74) **YASGER, Paul, D.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20353** (13) A1

(21) PCT/US97/19871

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,018 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/567

(54) CYTOPERFUSION OF TISSUE SPECIMENS
CYTOPERFUSION DE SPECIMENS TISSU-LAIRES

(71) **GRACE BIO-LABS, INC.** [US/US]; Deschutes Business Center, Suite D-2, 20354 Empire Avenue, Bend, OR 97701 (US).
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(72, 75) **MCGRATH, Charles, M.** [US/US]; 117204 Paulina Highway, Prineville, OR 97754 (US). **GRUDZIEN, Jennipher, L.** [US/US]; 440 Brocker Road, Metamora, MI 48555 (US).

(74) **NOONAN, William, D.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20354** (13) A2

(21) PCT/GB97/03014

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9622772.3 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/573, 33/564

(54) MONITORING REACTIVITY OF THYROID PEROXIDASE AUTOANTIBODIES
CONTROLE DE LA REACTIVITE D'AUTO-ANTICORPS DE LA PEROXYDASE THYROIDIENNE

(71) **RSR LIMITED** [GB/GB]; Avenue Park, Pentwyn, Cardiff CF2 7HE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRENNAN JONES, Fiona** [IE/GB]; 126 Pontywindy Road, Caerphilly CF83 3HF (GB). **FUR-MANIAC, Jadwiga** [GB/GB]; 35 Havenwood Drive, Thornhill, Cardiff CF4 9HX (GB). **REES SMITH, Bernard** [GB/GB]; Richmond House, Druidstone Road, Old St. Mellons, Cardiff CF3 9BX (GB).

(74) **AUSTIN, Hedley, William**; Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea, West Glamorgan SA1 5ED (GB).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20355** (13) A1

(21) PCT/GB97/03013

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9622839.0 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(31) 9707148.4 (32) **8 Apr/avr 1997 (08.04.1997)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01N 33/68, 33/72, 33/574

(54) PROCESS FOR THE EXTRACTION OF PROTEINS
PROCEDE D'EXTRACTION DE PROTEINES

(63) US 60/042,223 (CIP)
14 Apr/avr 1997 (14.04.1997)

(71) **MATTHEWS, Derek, Peter** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
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(71) **NYCOMED PHARMA A/S** [NO/NO]; P.O. Box 4220 Torshov, N-0401 Oslo (NO).
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(72, 75) **HOLTUND, Jostein** [NO/NO]; Nycomed Pharma a.s., P.O. Box 4220 Torshov, N-0401 Oslo (NO). **DALE, Siri** [NO/NO]; Nycomed Pharma a.s., P.O. Box 4220 Torshov, N-0401 Oslo (NO). **FAGERHOL, Magne, K.** [NO/NO]; Konsul Schjeldrupsv 7, N-0286 Oslo (NO).

(74) **MATTHEWS, Derek, Peter**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20356** (13) A1

(21) PCT/FI97/00599

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 964431 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01R 31/08, H02H 3/16

(54) METHOD OF DETECTING AND LOCATING A HIGH-RESISTANCE EARTH FAULT IN AN ELECTRIC POWER NETWORK
PROCEDE DE DETECTION ET DE LOCALISATION DE DEFAUT A LA TERRE A RESISTANCE ELEVEE DANS UN RESEAU ELECTRIQUE

(71) **ABB TRANSMIT OY** [FI/FI]; P.O. Box 699, FIN-65101 Vaasa (FI).
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(72, 75) **LEHTONEN, Matti** [FI/FI]; Kuukausikuja 4 as 2, FIN-02200 Espoo (FI).

(74) **LAINEN, Seppo** et al. / etc.; Seppo Laine Oy, Lönnroinkatu 19 A, FIN-00120 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/16306

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) 08/735,218 (32) **22 Oct/oct 1996 (22.10.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01R 33/09, H01L 43/00

(54) MAGNETIC FIELD SENSOR
CAPTEUR DE CHAMPS MAGNETIQUES

(71) **NONVOLATILE ELECTRONICS, INCORPORATED** [US/US]; 11409 Valley View Road, Eden Prairie, MN 55344 (US).

(72) **DAUGHTON, James, M.**; 5805 Amy Drive, Edina, MN 55436 (US). **HERMANN, Theodore, M.**; 8582 Morgan Lane, Eden Prairie, MN 55347 (US).

(74) **NEILS, Theodore, E.**; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20358** (13) A1

(21) PCT/IB97/01192

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(25) en (26) en

(31) 96203065.6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01R 33/28, 33/567

(54) MR SYSTEM AND INVASIVE DEVICE FOR INTERVENTIONAL PROCEDURES
SYSTEME DE RESONANCE MAGNETIQUE ET DISPOSITIF EFFRACTIF POUR PROCEDURES INTERVENTIONNELLES

(71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN VAALS, Johannes, Jacobus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GROEN, Johannes, Petrus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHOUTEN, Marcus, M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20359** (13) A1

(21) PCT/DE97/01945

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(25) de (26) de

(31) 196 45 209.0 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 5/14, 3/52, G01C 21/20

(54) POSITION LOCATION SYSTEM FOR VEHICLE FITTED WITH A SATELLITE SIGNAL RECEIVER
SYSTEME DE LOCALISATION POUR VEHICULE DOTE D'UN RECEPTEUR DE SATELLITE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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(72, 75) **KREFT, Peter** [DE/DE]; Kelbshof 2, D-30539 Hannover (DE).

(81) CZ JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20360** (13) A1

(21) PCT/IB97/01423

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,562 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 60/036,318 (32) **30 Jan/jan 1997 (30.01.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 7/52

(54) METHOD AND APPARATUS FOR ULTRASOUND IMAGE RECONSTRUCTION
PROCEDE ET DISPOSITIF SERVANT A RECONSTITUER UNE IMAGE ULTRASONORE

(71) **TOMTEC IMAGING SYSTEMS GMBH** [DE/DE]; Edison Strasse 6, D-85716 Urterschleissheim (DE).

(72) **MARQUART, Markus**; Ottenburg Strasse 3, D-85386 Eching (DE). **MUMM, Bernhard**; Am Haldenberg 18, D-85716 Mammendorf (DE). **KLEIN, Peter**; 1001 Jennifer Meadows Drive, Danville, CA 94506 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20361** (13) A1

(21) PCT/US97/20162

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/746,360 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 7/52

(54) FINITE AMPLITUDE DISTORTION-BASED INHOMOGENEOUS PULSE ECHO ULTRASONIC IMAGERIE PAR ULTRASON, NON HOMOGENE, A AMPLITUDE FINIE ET AXEE SUR LA DISTORSION DES SIGNAUX ULTRASONORES

(71) **RESEARCH CORPORATION TECHNOLOGIES, INC.** [US/US]; Suite 600, 101 N. Wilmot Road, Tucson, AZ 85711-3335 (US).

(72) **CHRISTOPHER, Ted**; Apartment 1, 51 Lilac Drive, Rochester, NY 14620 (US).

(74) **DiGIGLIO, Frank, S.** et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20362** (13) A1

(21) PCT/DE97/02605

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(31) 196 46 748.9 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 13/28, 13/76, G08B 13/14

(54) MEASURING OR SECURITY SYSTEM
SYSTEME DE MESURE OU DE SECURITE

(71) **NANOTRON GESELLSCHAFT FÜR MIKROTECHNIK MBH** [DE/DE]; Alt-Moabit 61, D-10555 Berlin (DE).
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(72, 75) **KOSLAR, Manfred** [DE/DE]; Schlüterstrasse 35, D-10629 Berlin (DE).

(74) **CHRISTIANSEN, Henning**; Pacelliallee 43/45, D-14195 Berlin (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20363** (13) A1

(21) PCT/IB97/01160

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 96890170.2 (32) **5 Nov/nov 1996 (05.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 13/74

(54) CONTACTLESS DATA TRANSMISSION AND RECEIVING DEVICE WITH A SYNCHRONOUS DEMODULATOR
TRANSMISSION DE DONNEES SANS CONTACT ET DISPOSITIF DE RECEPTION MUNI D'UN DETECTEUR SYNCHRONE

(71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
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(72) **PREISHUBER-PFLÜGL, Josef**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ARNOLD, Siegfried**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SPIESS, Bernhard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WATZINGER, Hubert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20364** (13) A1

(21) PCT/EP97/05425

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(31) 196 45 339.9 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01S 15/93

(54) METHOD OF MEASURING, FROM A VEHICLE, DISTANCES AS A FUNCTION OF VEHICLE DATA
PROCEDE DE MESURE DE DISTANCE A PARTIR D'UN VEHICULE EN FONCTION DE DONNEES DU VEHICULE

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
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(72, 75) **LILL, Anton** [DE/DE]; Krebsweg 7, D-74348 Lauffen (DE). **KIEMES, Jochen** [DE/DE]; Pfaffenwaldring 74A1, D-70569 Stuttgart (DE). **MATHES, Joachim** [DE/DE]; Sinsheimer Strasse 8, D-74080 Heilbronn (DE).

(74) **PORTWICH, P.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20365** (13) A1

(21) PCT/US97/19841

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,092 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01T 1/161

(54) ULTRAVIOLET LIGHT ILLUMINATION AND VIEWING SYSTEM AND METHOD FOR FLUORESCENT DYE LEAK DETECTION
SYSTEME D'ECLAIRAGE ET DE MISE EN EVIDENCE EN ULTRAVIOLET ET PROCEDE DE DETECTION DE FUITES PAR COLORANT FLUORESCENT

(71) **CORROSION CONSULTANTS, INC.** [US/US]; 16099 Common Road, Roseville, MI 48066 (US).

(72) **KRANZ, Kenneth, J.**; 32800 Kelly Drive, Roseville, MI 48066 (US).

(74) **BENEFIEL, John, R.**; Suite 100 B, 280 Daines Street, Birmingham, MI 48009-6244 (US).

(81) AU BR CA JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20366** (13) A1

(21) PCT/US97/20485

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(25) en (26) en

(31) 60/030,714 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/034,792 (32) **19 Dec/déc 1996 (19.12.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01T 1/29, G01V 5/00

(54) CODED APERTURE X-RAY IMAGING SYSTEM
SYSTEME D'IMAGERIE AUX RAYONS X A OUVERTURE CODEE

(71) **AMERICAN SCIENCE AND ENGINEERING, INC.** [US/US]; 829 Middlesex Turnpike, Billerica, MA 01821 (US).

(72) **HUANG, Suzhou**; 101 Western Avenue #66, Cambridge, MA 02139 (US). **HYNES, Michael, V.**; 11 Stonehedge Road, Lincoln, MA 01773 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20367** (13) A1

(21) PCT/US97/19117

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 08/748,256 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01V 1/32

(54) TIME-FREQUENCY PROCESSING AND ANALYSIS OF SEISMIC DATA USING VERY SHORT-TIME FOURIER TRANSFORMS
TRAITEMENT TEMPS-FREQUENCE ET ANALYSE DE DONNEES SISMIQUES PAR TRANSFORMATIONS DE FOURIER TRES BREVES

(71) **AMOCO CORPORATION** [US/US]; Law Dept., M/C 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(72) **VASSILIOU, Anthony, A.**; 4502 E. 41st Street, Tulsa, OK 74135 (US). **GAROSSINO, Paul**; 4502 E. 41st Street, Tulsa, OK 74135 (US).

(74) **GABALA, James, A.**; Amoco Corporation, Law Dept., M/C 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(81) CA NO TT; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20368** (13) A1

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(25) en (26) en

(31) 60/030,066 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/964,055 (32) **4 Nov/nov 1997 (04.11.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G01V 1/36

(54) ALIGNING SEISMIC TRACES
ALIGNEMENT DE TRACES SISMIQUES

(71) **THE DISCOVERY BAY COMPANY** [US/US]; Suite 250, 10500 Richmond Avenue, Houston, TX 77042 (US).

(72) **LICHMAN, Eugene**; 196 Litchfield, Houston, TX 77024 (US).

(74) **OSHA, Jonathan, P.** et al. / etc.; Fish & Richardson P.C., Suite 1200, One Riverway, Houston, TX 77056 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/18886

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

- (31) 08/743,909 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01V 3/12, 3/16, 11/00, G01R 29/00
- (54) SEISMIC ACTIVITY PREDICTOR
PREDICTEUR D'ACTIVITE SISMIQUE
- (71, 72) **PARK, Larry, A.** [US/US]; 50631 N.W. Gheen Road, Manning, OR 97125 (US).
- (74) **RUSSELL, Kevin, L.** et al. / etc.; Chernoff, Vilhauer, McClung & Stenzel, LLP, Suite 600, One S.W. Columbia, Portland, OR 97258 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20370** (13) A1
- (21) PCT/US96/17541
- (22) **5 Nov/nov 1996 (05.11.1996)**
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01V 5/02
- (54) METHOD OF SURFACE SURVEYING FOR RADIOACTIVE SOURCES
PROCEDE DE SURVEILLANCE D'UNE SURFACE EN VUE DE LA DETECTION DE SOURCES RADIOACTIVES
- (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222 (US).
- (72) **ANDREWS, John, P.**; 12118 Valley Trail, Knoxville, TN 37922 (US). **POLICASTRO, Gerard, V.**; 279 Ridgedale Drive, Cookeville, TN 38501 (US).
- (74) **VALENTINE, James, C.** et al. / etc.; Westinghouse Electric Corporation, 11 Stanwix Street, Pittsburgh, PA 15222 (US).
- (81) CA GB JP UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20371** (13) A1
- (21) PCT/EP97/05975
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) de (26) de
- (31) 196 45 330.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
- (31) 197 08 180.0 (32) **28 Feb/fév 1997 (28.02.1997)** (33) DE
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01V 15/00
- (54) SECURITY DEVICE FOR ELECTRONIC SURVEILLANCE OF ARTICLES
ELEMENTS DE SECURITE POUR LA SURVEILLANCE ELECTRONIQUE D'ARTICLES
- (71) **METO INTERNATIONAL GMBH** [DE/DE]; Ershheimer Strasse 69, D-69434 Hirschhorn (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALTWASSER, Richard** [GB/DE]; Kochersstrasse 8, D-76684 Forst (DE). **LENDERING, Peter** [NL/NL]; Dr. Borggreveplein 4, NL-7061 CR Terborg (NL).
- (74) **METO INTERNATIONAL GMBH**; Esselte IPR Dept., Westerwaldstrasse 3-13, D-64646 Heppenheim (DE).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20372** (13) A1
- (21) PCT/US97/19581
- (22) **28 Oct/oct 1997 (28.10.1997)**
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- (31) 08/740,757 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G01W 1/14
- (54) WINTER PRECIPITATION MEASURING SYSTEM
SYSTEME DE MESURE DES PRECIPITATIONS HIVERNALES
- (71) **UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH** [US/US]; P.O. Box 3000, Boulder, CO 80307 (US). **NEVADA, UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF**, on behalf of **DESERT RESEARCH INSTITUTE** [US/US]; 2601 Enterprise Road, Reno, NV 89512 (US).
- (72) **HALLETT, John**; 1360 Muir Drive, Reno, NV 89503 (US). **RASMUSSEN, Roy, Martin**; 599 Aztec Drive, Boulder, CO 80303 (US).
- (74) **GUETLICH, Mark, A.** et al. / etc.; Duft, Graziano & Forest, P.C., Suite 140, 1790 - 30th Street, Boulder, CO 80301-1018 (US).
- (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20373** (13) A1
- (21) PCT/EP97/05763
- (22) **14 Oct/oct 1997 (14.10.1997)**
- (25) en (26) en
- (31) 96203072.2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP
- (34) NL et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G02B 1/04, C08F 220/28, 220/16, 290/06
- (54) UV-CURED OPTICAL ELEMENTS
ELEMENTS OPTIQUES TRAITES AUX UV
- (71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DE GRAAF, Robert, Winston** [NL/NL]; Wichard van Pontlaan 78, NL-6824 GM Arnhem (NL). **PAAY, Janet, Dieuwertje, Frederike** [NL/NL]; Sichtermark 38, NL-8016 MN Zwolle (NL).
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- (21) PCT/US97/18550
- (22) **15 Oct/oct 1997 (15.10.1997)**
- (25) en (26) en
- (31) 08/742,840 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G02B 5/124
- (54) HIGHLY CANTED RETROREFLECTIVE CUBE CORNER ARTICLE
ARTICLE A ELEMENTS EN COIN DE CUBE, RETROREFLECHISSANT ET FORTEMENT BI-SEAUTE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SMITH, Kenneth, L.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **JENSEN, Stephen, C.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20375** (13) A1
- (21) PCT/US97/20365
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 8/296287 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G02B 5/124
- (54) ELECTROLUMINESCENT RETROREFLECTIVE ARTICLE
ARTICLE ELECTROLUMINESCENT RETROREFLECHISSANT
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **ARAKI, Yoshinori**; 8-28, Higashihaga 1-chome, Tendo-city, Yamagata prefecture 994 (JP). **ABE, Hidetoshi**; 11-32, Ekinishi 1-chome, Tendo-city, Yamagata prefecture 994 (JP).
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(21) PCT/US97/20405
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,246 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 6/00, G02F 1/03, G06E 1/04
(54) ALL-OPTICAL WAVELENGTH CODED LOGIC GATES
PORTES LOGIQUES TOUT OPTIQUE CODEES PAR LONGUEUR D'ONDES
(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).
(72) **VAHALA, Kerry, John**; 328 Bridge Street, San Gabriel, CA 91775 (US). **PAIELLA, Roberto**; Via Perfetti, 1, I-20017 Rho (IT). **HUNZIKER, Guido**; Route du Puits, 15, CH-1740 Neyruz (CH).
(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
Published / Publiée : (c)
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- (11) **WO 98/20377** (13) A1
(21) PCT/US97/19650
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) en (26) en
(31) 08/743,426 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 6/32
(54) MULTIPORT ILLUMINATOR FOR MACRO-FIBERS
ECLAIRAGE MULTIPORT POUR MACRO-FIBRES
(71) **REMOTE SOURCE LIGHTING INTERNATIONAL, INC.** [US/US]; 32961 Calle Perfecto, San Juan Capistrano, CA 92675 (US).
(72) **RYKOWSKI, Ronald, F.**; 19507 223rd Avenue N.E., Woodinville, WA 98072 (US). **RISER, Andrew, P.**; 35262 Camino Capistrano #207, Capistrano Beach, CA 92065 (US). **WILSON, Stephen, S.**; 273711 Silver Creek, San Juan Capistrano, CA 92675 (US). **FORKNER, John, F.**; 31661 Florence Avenue, Laguna Beach, CA 92677 (US).
(74) **STOUT, Donald, E.**; 100 Pacifica #210, Irvine, CA 92618 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20378** (13) A1
(21) PCT/US97/20467
(22) **7 Nov/nov 1997 (07.11.1997)**
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(31) 60/029,953 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/031,537 (32) **2 Dec/déc 1996 (02.12.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 21/22
(54) IMAGE REINVERTER FOR STEREO MICROSCOPE
RE-INVERSEUR D'IMAGE POUR STEREOMICROSCOPE
(71) **VOLK OPTICAL INC.** [US/US]; 7893 Enterprise Drive, Mentor, OH 44060 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VOLK, Donald, A.** [US/US]; 7893 Enterprise Drive, Mentor, OH 44060 (US). **DIAZ-ESTEVEZ, Fernando** [ES/ES]; Torneo, 34, E-41002 Saville (ES).
(74) **KINBERG, Robert et al.** / etc.; Spencer & Frank, Suite 300 East, 1100 New York Avenue, N.W., Washington, DC 20005-3955 (US).
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- (11) **WO 98/20379** (13) A1
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(22) **22 Oct/oct 1997 (22.10.1997)**
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(31) 96121684 (32) **1 Nov/nov 1996 (01.11.1996)** (33) RU
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 21/34, G01N 1/31, 1/28
(54) ARRANGEMENT FOR HOLDING HISTOLOGICAL AND BIOLOGICAL SPECIMENS
INSTALLATION POUR CONTENIR DES ECHANTILLONS HISTOLOGIQUES ET BIOLOGIQUES
(71) **MICROM LABORGERÄTE GMBH** [DE/DE]; Robert-Bosch-Strasse 49, D-69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **IZVOZTCHIKOV, Ilia Borisovitch** [RU/RU]; ul. Jacka Duklo, 8/2-18, St. Petersburg, 194223 (RU). **MIKHAILOV, Serguei Petrovitch** [RU/RU]; pr. 18-48 Bol. Sampsonievskiy, St. Petersburg, 194175 (RU).
(74) **GNATZIG, Klaus et al.** / etc.; Carl Zeiss, Patentabteilung, D-73446 Oberkochen (DE).
(81) AU CN JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(21) PCT/GB97/02902
(22) **24 Oct/oct 1997 (24.10.1997)**
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(31) 9623216.0 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
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- (51)⁶ G02B 27/01
(54) CAR HUD
AFFICHAGE FRONTAL POUR VOITURES
(71) **PILKINGTON PE LIMITED** [GB/GB]; Glascoed Road, St. Asaph, Clwyd LL17 0LL (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PARR-BURMAN, Philip** [GB/GB]; Gwelfor, Llanfar Road, Abergele, Clywd LL22 8DH (GB).
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(21) PCT/US97/17726
(22) **2 Oct/oct 1997 (02.10.1997)**
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(31) 08/740,741 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 27/01
(54) HEAD MOUNTED DISPLAY SYSTEM USING MANGIN MIRROR
SYSTEME D'AFFICHAGE DANS LE CASQUE UTILISANT UN COMBINEUR A MIROIR DE MANGIN
(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).
(72) **FRITZ, Bernard, S.**; 1280 Deerwood Drive, Eagan, MN 55123 (US).
(74) **KAU, Albert**; Honeywell Inc., Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).
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(31) 9623214.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 27/02, 27/22, B42D 15/10, G09F 19/14
(54) OPTICAL IMAGES
IMAGES OPTIQUES
(71) **FRYCO LIMITED** [GB/GB]; 22 Sedling Road, District 6, Washington, Tyne & Wear NE38 9BZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DUNN, Paul** [GB/GB]; 11 Cox Close, Shenley, Radlett, Hertfordshire WD7 9JQ (GB). **ROWE, Andrew** [GB/GB]; "Giffords", Lower Street, Stratford St. Mary, Colchester, Essex CO7 6JS (GB).
(74) **GIBSON, Stewart, Harry**; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF2 1AA (GB).

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CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZW; AP (GH KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF CG CI
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(22) **29 Oct/oct 1997 (29.10.1997)**
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(31) 2694/96 (32) **1 Nov/nov 1996 (01.11.1996)** (33) CH
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 27/14, 5/04
(54) OPTICAL COMPONENT AND PROCESS FOR
PRODUCING THE SAME
COMPOSANT OPTIQUE ET SON PROCÉDE DE
FABRICATION
(71) **BALZERS AKTIENGESELLSCHAFT** [LI/LI];
FL-9496 Balzers (LI).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **EDLINGER, Johannes** [AT/AT]; Letzstrasse
1, A-6820 Frastanz (AT).
(74) **TROESCH SCHEIDEGGER WERNER AG**;
Siewerdstrasse 95, CH-8050 Zürich (CH).
(81) CA JP KR US; EP (AT BE CH DE DK ES FI FR
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(11) **WO 98/20384** (13) A1
(21) PCT/FR97/01981
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) fr (26) fr
(31) 96/13455 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 27/14, 5/32
(54) COMPACT LIGHTING DEVICE
DISPOSITIF COMPACT D'ILLUMINATION
(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Hauss-
mann, F-75008 Paris (FR).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **DELBOULBE, Anne** [FR/FR]; Thomson-CSF
S.C.P.I., 13, avenue du Président Salvador Allende,
F-94117 Arcueil Cedex (FR). **HUIGNARD,
Jean-Pierre** [FR/FR]; Thomson-CSF S.C.P.I., 13,
avenue du Président Salvador Allende, F-94117
Arcueil Cedex (FR). **JOUBERT, Cécile** [FR/FR];
Thomson-CSF S.C.P.I., 13, avenue du Président
Salvador Allende, F-94117 Arcueil Cedex (FR).
LOISEAUX, Brigitte [FR/FR]; Thomson-CSF
S.C.P.I., 13, avenue du Président Salvador Allende,
F-94117 Arcueil Cedex (FR).
(74) **THOMSON-CSF S.C.P.I.**; 13, avenue du
Président Salvador Allende, F-94117 Arcueil
Cedex (FR).
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GR IE IT LU MC NL PT SE).

(11) **WO 98/20385** (13) A1
(21) PCT/EP97/06024

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(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02B 27/48, 26/10
(54) DEVICE WITH A LASER FOR IMAGE REPRO-
DUCTION
DISPOSITIF COMPRENANT UN LASER POUR
LA REPRODUCTION D'IMAGES
(71) **LDT GMBH & CO. LASER-DISPLAY-
TECHNOLOGIE KG** [DE/DE];
Carl-Zeiss-Strasse 2, D-07552 Gera (DE).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **WUNDERLICH, Jörg** [DE/DE]; Wart-
burgstrasse 27, D-07552 Gera (DE). **HILLER,
Klaus** [DE/DE]; Am Fischer 21, D-07551 Gera
(DE). **GÖPFERT, Frank** [DE/DE]; Ebereschens-
trasse 14/442, D-07747 Jena (DE). **WALLEN-
STEIN, Richard** [DE/DE]; Freundchenstrasse 10,
D-67269 Grünstadt (DE). **DETER, Christhard**
[DE/DE]; Brehmstrasse 27, D-07546 Gera (DE).
BIEHLIG, Wolfram [DE/DE]; Lerchenweg
12, D-07751 Jena-Cospeda (DE). **KRÄNERT,
Jürgen** [DE/DE]; Dornburgerstrasse 164, D-07743
Jena (DE).
(74) **GEYER, Werner** et al. / etc.; Geyer, Fehners
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(DE).
(81) CA CN IL JP KR RU US; EP (AT BE CH DE DK
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(21) PCT/DK97/00501
(22) **4 Oct/oct 1997 (04.10.1997)**
(25) da (26) en
(31) 9600386 U (32) **5 Nov/nov 1996 (05.11.1996)** (33) DK
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02C 1/06
(54) SPECTACLES
LUNETTES
(71) **FN-OPTIK A/S** [DK/DK]; Jernbanegade 18,
DK-6700 Esbjerg (DK).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **NIELSEN, Finn** [DK/DK]; Liljevænget 39,
DK-6710 Esbjerg (DK).
(74) **LARSEN & BIRKEHOLM A/S SKANDINA-
VISK PATENTBUREAU**; Banegårdspladsen 1,
Postboks 362, DK-1570 Copenhagen V (DK).
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CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
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(21) PCT/US97/20318
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/746,391 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02C 7/04
(54) MULTIFOCAL LENS
LENTILLE MULTIFOCALE
(71) **UNILENS CORP., USA** [US/US]; 10431 72nd
Street, Largo, FL 34647 (US).
(72) **REHSE, Denis**; 532 Dolphin Avenue, St. Peters-
burg, FL 33705 (US). **OLIVARES, Giovanna, A.**;
3007 Key Harbor Drive, Safety Harbor, FL 34695
(US).
(74) **YAHWAK, George, M.**; Yahwak & Associates, 25
Skytop Drive, Trumbull, CT 06611 (US).
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(11) **WO 98/20388** (13) A1
(21) PCT/US97/15938
(22) **9 Sep/sep 1997 (09.09.1997)**
(25) en (26) en
(31) 08/744,586 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G02F 1/01
(54) THERMALLY SWITCHABLE OPTICAL DE-
VICES
DISPOSITIFS OPTIQUES A COMMUTATION
THERMIQUE
(71) **UNIVERSITY OF PITTSBURGH OF THE
COMMONWEALTH SYSTEM OF HIGHER
EDUCATION** [US/US]; 911 William Pitt Union,
Pittsburgh, PA 15260 (US).
(72) **ASHER, Sanford, A.**; 6425 Barlett Street, Pitts-
burgh, PA 15217 (US). **WEISSMAN, Jesse, M.**;
620 Summerlea Street #1, Pittsburgh, PA 15232
(US). **SUNKARA, Hari, B.**; Apartment #R8, 8003
Benaroya Lane, Huntsville, AL 35802 (US).
(74) **MEYERS, Diane, R.**; Eckert Seamans Cherin
& Mellott, LLC, 42nd floor, 600 Grant Street,
Pittsburgh, PA 15219 (US).

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CN CU CZ DE DK EE ES FI GB GE GH HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN ML MR NE SN TD TG).

(11) **WO 98/20389** (13) A1
(21) PCT/US97/18356
(22) **2 Oct/oct 1997 (02.10.1997)**
(25) en (26) en
(31) 08/745,798 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G02F 1/1333, 1/1335, H01L 31/232

(54) COATED FLEXIBLE GLASS FILMS FOR VISUAL DISPLAY UNITS
FILMS DE VERRE SOUPLE POUR COUVERTURE DE TERMINAUX A ECRAN DE VISUALISATION

(71) OPTICAL COATING LABORATORY, INC. [US/US]; 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397 (US).

(72) BANDETTINI, Steven, P.; 7350 Hidden Lade Road, Forestville, CA 95436 (US). BROWN, Lindsey; 309 Matheson Street, Healdsburg, CA 95448 (US).

(74) SEELEY, David, O. et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) JP KP; EA (AM AZ BY KG KZ MD RU TJ TM).

(11) WO 98/20390 (13) A1

(21) PCT/FR97/01980

(22) 5 Nov/nov 1997 (05.11.1997)

(25) fr (26) fr

(31) 96/13454 (32) 5 Nov/nov 1996 (05.11.1996) (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G02F 1/1335, G09F 9/35

(54) DISPLAY DEVICE AND FLAT TELEVISION SCREEN USING THIS DEVICE
DISPOSITIF DE VISUALISATION ET ECRAN PLAT DE TELEVISION UTILISANT CE DISPOSITIF

(71) THOMSON-CSF [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUIGNARD, Jean-Pierre [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). LOISEAUX, Brigitte [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). JOUBERT, Cécile [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). DELBOULBE, Anne [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) THOMSON-CSF S.C.P.I.; 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20391 (13) A1

(21) PCT/US97/20197

(22) 4 Nov/nov 1997 (04.11.1997)

(25) en (26) en

(31) 08/743,962 (32) 5 Nov/nov 1996 (05.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G02F 1/1337

(54) REFLECTIVE OPTICALLY ACTIVE DIFFRACTIVE DEVICE
DISPOSITIF A DIFFRACTION REFLECHISSANT ET ACTIF SUR LE PLAN OPTIQUE

(71) KENT STATE UNIVERSITY [US/US]; East Main and Lincoln Streets, Kent, OH 44242 (US).

(72) BOS, Philip, L.; 6806 Windsor Drive, Hudson, OH 44236 (US). CHEN, Jianmen; 7526 Allerton Street, Kent, OH 44240 (US). JOHNSON, David, L. (deceased / décédé). GLENN, William, E.; 650 Royal Plaza Drive, Ft. Lauderdale, FL 33301 (US). HOLTON, Carvel, E.; 19780 Princeswood Drive, Jupiter, FL 33458 (US). SMITH, Brett, E.; 1860 Tom-A-Toe Road, Boynton Beach, FL 33462 (US).

(74) WEBER, Ray, L. et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 1st National Tower, Akron, OH 44308 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20392 (13) A1

(21) PCT/FR97/01976

(22) 5 Nov/nov 1997 (05.11.1997)

(25) fr (26) fr

(31) 96/13577 (32) 7 Nov/nov 1996 (07.11.1996) (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G03B 25/02, G09F 19/14

(54) STATIC SCREEN FOR ANIMATED PICTURES
ECRAN STATIQUE POUR IMAGES ANIMEES

(71, 72) GUIGAN, Franck [FR/FR]; Château de la Motte, F-77940 Thoury Ferrottes (FR). CHAUMET, Isabelle [FR/FR]; 106, boulevard du Montparnasse, F-75014 Paris (FR).

(74) GUIGAN, Franck; Château de la Motte, F-77940 Thoury Ferrottes (FR).

(81) CA JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) WO 98/20393 (13) A1

(21) PCT/US97/19639

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 60/029,917 (32) 4 Nov/nov 1996 (04.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G03C 1/805, 11/12

(54) SILVER HALIDE PHOTOGRAPHIC MATERIAL AND METHOD OF APPLYING A PHOTOGRAPHIC IMAGE TO A RECEPTOR ELEMENT
MATERIAU PHOTOGRAPHIQUE A BASE D'HALOGENURE D'ARGENT ET PROCEDE D'APPLICATION D'UNE IMAGE PHOTOGRAPHIQUE SUR UN ELEMENT RECEPTEUR

(71) FOTO-WEAR, INC. [US/US]; 101 Pocono Drive, Milford, PA 18337 (US).

(72) HARE, Donald, S.; R.R. 2, Hawley, PA 18428 (US). WILLIAMS, Scott, A.; 416 Clay Avenue, Rochester, NY 14613 (US).

(74) BIRCH, Terell, C. et al. / etc.; Birch, Stewart, Kolasch & Kirch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20394 (13) A1

(21) PCT/US97/20032

(22) 4 Nov/nov 1997 (04.11.1997)

(25) en (26) en

(31) 60/030,410 (32) 4 Nov/nov 1996 (04.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G03F 7/075, H01B 3/30, C08F 32/08

(54) PHOTODEFINABLE DIELECTRIC COMPOSITIONS
COMPOSITIONS DIELECTRIQUES PHOTODEFINISSABLES

(71) THE B.F. GOODRICH COMPANY [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).

(72) SHICK, Robert, A.; 10375 Pamela Drive, Strongsville, OH 44136 (US). JAYARAMAN, Sankumar; Apartment 304, 4188 Americana Drive, Cuyahoga Falls, OH 44224 (US). ELCE, Edmund; 1251 Weathervane 2A, Akron, OH 44313 (US). GOODALL, Brian, L.; 3959 Clover Hill Road, Akron, OH 44333 (US).

(74) DUNLAP, Thoburn, T. et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

(81) AL AM AU AZ BB BG BR BY CA CN CZ EE GE HU ID IL IS JP KE KG KR KZ LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20395 (13) A1

(21) PCT/US97/19103

(22) 22 Oct/oct 1997 (22.10.1997)

(25) en (26) en

(31) 08/745,979 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G03F 7/16, 7/075

(54) METHOD OF APPLYING DRY FILM PHOTO-RESIST
PROCEDE POUR APPLIQUER UNE PHOTORESISTANCE SECHE

(71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) HASLOW, Randy, E.; 3726 Chippewa River Drive, Eau Claire, WI 54703 (US). HUTCHINS, Donald, G.; 8336 Oriole Drive, Eau Claire, WI 54701 (US). LEAF, Michael, R.; W2516 Cedar Road, Eau Claire, WI 54701 (US).

(74) CAMPBELL, John, S. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/20396** (13) A1
(21) PCT/JP97/03972
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) ja (26) ja
(31) 8/310091 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G03G 9/093
(54) POLYMER-BASE TONER AND PROCESS FOR THE PRODUCTION THEREOF
TONER A BASE DE POLYMERES ET PROCEDE DE PRODUCTION DE CE DERNIER
- (71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OGAWA, Tokudai** [JP/JP]; Research & Development Center, Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP). **YANAGIDA, Noboru** [JP/JP]; Research & Development Center, Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP).
- (74) **NISHIKAWA, Shigeaki**; Visual City 401, 43-8, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116 (JP).
- (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20397** (13) A1
(21) PCT/US97/20519
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/747,145 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G04B 17/20
(54) A TIME ANALYZER HAVING AN IMPROVED INTERPOLATOR WITH TEMPERATURE COMPENSATION
ANALYSEUR DE TEMPS POSSEDANT UN INTERPOLATEUR AMELIORE AVEC COMPENSATION DE TEMPERATURE
- (71) **E G & G INSTRUMENTS, INC.** [US/US]; 100 Midland Road, Oak Ridge, TN 37831-0895 (US).
- (72) **PECK, Jeffrey, V.**; 804 Olde Pionner Trail #138, Knoxville, TN 37923 (US).
- (74) **PITTS, Robert, E.** et al. / etc.; Pitts & Brittain, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20398** (13) A1
(21) PCT/JP97/04044
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) ja (26) ja
(31) 8/295176 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G05D 1/02
(54) OBSTACLE COLLISION PREVENTIVE APPARATUS OF MOBILE OBJECT
- APPAREIL PERMETTANT DE PREVENIR LA COLLISION D'UN OBJET EN MOUVEMENT AVEC UN OBSTACLE
- (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAGUCHI, Hiroyoshi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **SHINBO, Tetsuya** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **YOSHIMI, Osamu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **MIZUI, Seiichi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).
- (74) **KIMURA, Takahisa** et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).
- (81) AU US.
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- (11) **WO 98/20399** (13) A2
(21) PCT/US97/19944
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/744,053 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G05D 1/02
(54) INFRASTRUCTURE INDEPENDENT POSITION DETERMINING SYSTEM
SYSTEME DE DETERMINATION DE POSITION NON BASE SUR L'INFRASTRUCTURE
- (71) **CARNEGIE MELLON UNIVERSITY** [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).
- (72) **KELLY, Alonzo, James**; Apartment 9, 137 North Craig Street, Pittsburgh, PA 15213 (US). **COULTER, Robert, Craig**; 1719 Coulter Road, Apollo, PA 15613 (US).
- (74) **PENCOSKE, Edward, L.** et al. / etc.; Kirkpatrick & Lockhart LLP, 1500 Oliver Building, Pittsburgh, PA 15222 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20400** (13) A2
(21) PCT/EP97/05807
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) de (26) de
(31) 196 45 323.2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G05D 16/20
(54) CIRCUIT ARRANGEMENT FOR ADAPTING THE CURRENT OF A VALVE DRIVER TO THE CURRENT REQUIRED FOR ACTUATING THE VALVE
CIRCUIT POUR ADAPTER LE COURANT D'UN CIRCUIT DE COMMANDE DE SOUPAPE AU COURANT REQUIS POUR ACTIONNER LA SOUPAPE
- (71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZINKE, Olaf** [DE/DE]; Hauptstrasse 25b, D-65795 Hattersheim (DE). **ENGELMANN, Mario** [DE/DE]; Birkenweg 52, D-61449 Steinbach (DE). **FEY, Wolfgang** [DE/DE]; Nesselweg 17, D-65527 Niedernhausen (DE). **ZYDEK, Michael** [DE/DE]; Am Berg 11, D-35428 Langgöns (DE).
- (74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20401** (13) A1
(21) PCT/US97/20046
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 08/744,200 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G05F 3/02
(54) POSITIVE/NEGATIVE HIGH VOLTAGE CHARGE PUMP SYSTEM
SYSTEME DE POMPE A CHARGE A HAUTE TENSION POSITIVE/NEGATIVE
- (71) **APLUS INTEGRATED CIRCUITS, INC.** [US/US]; 13990 Pike Road, Saratoga, CA 95070 (US).
- (72) **LEE, Peter, W.**; 13990 Pike Road, Saratoga, CA 95070 (US). **TSAO, Hsing-Ya**; #7, Lane 61, Wu-Fung Road, 2F, Hsing-Tien City, Taipei (TW). **HSU, Fu-Chang**; #38, Tung-Yuan Street, 2F, Taipei (TW).
- (74) **CHICKERING, Robert, B.** et al. / etc.; Flehr, Hobbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20402** (13) A2
(21) PCT/BR97/00057
(22) **20 Oct/oct 1997 (20.10.1997)**
(25) en (26) en
(31) PI 9605277-5 (32) **18 Oct/oct 1996 (18.10.1996)** (33) BR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06F
(54) HAND-HELD COMPUTER WITH COMMUNICATION THROUGH DIFFUSE INFRARED WITH POSITIONING SENSORS
ORDINATEUR DE POCHE COMMUNIQUEUR PAR RAYONS INFRAROUGES DIFFUS ET MUNI DE CAPTEURS DE POSITIONNEMENT
- (71) **H2T HANDHELD TECHNOLOGY LTDA.** [BR/BR]; Sala 801, Avenida Osmar Cunha, 91, Florianópolis, SC (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARACO GUIMARÃES, Paulo, César** [BR/BR]; Rua Rui Barbosa, 138/901, Florianópolis, SC (BR). **NESTAR, Charles, Fernandes** [BR/BR]; Rua João Motta Espezim, 329/302, Florianópolis, SC (BR). **DE SOUZA, Celso, Luís** [BR/BR]; Rodovia Admar Gonzaga, 315/106, Florianópolis, SC (BR).

(74) **GUERRA, Alberto**; Rua São Carlos, 1113, CEP-90220-121 Porto Alegre, RS (BR).

(81) AL AM AT AU AZ BB BG BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20403** (13) A2

(21) PCT/US97/19770

(22) **1 Nov/nov 1997 (01.11.1997)**

(25) en (26) en

(31) 60/030,177 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F

(54) FLEXIBLE WEARABLE COMPUTER SYSTEM SYSTEME INFORMATIQUE PORTABLE ET SOUPLE

(71) **VIA, INC.** [US/US]; 11 Bridge Square, Northfield, MN 55057 (US).

(72) **CARROLL, David, W.**; 11 Bridge Square, Northfield, MN 55057 (US). **CARROLL, James, L.**; 11 Bridge Square, Northfield, MN 55057 (US). **CARROLL, Wendell, L.**; 11 Bridge Square, Northfield, MN 55057 (US).

(74) **HIENZ, William, M., III** et al. / etc.; Patterson & Keough, P.A., 1200 Rand Tower, 527 Marquette Avenue South, Minneapolis, MN 55402 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20404** (13) A2

(21) PCT/US97/20026

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,515 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(31) 08/800,397 (32) **14 Feb/fév 1997 (14.02.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F

(54) SYSTEM AND METHOD FOR ADAPTING COMPUTER PERIPHERALS SYSTEME ET PROCEDE PERMETTANT D'ADAPTER DES PERIPHERIQUES D'ORDINATEUR

(71, 72) **CHARLES, Paul** [US/US]; 16290 A DeWitt Avenue, Morgan Hills, CA 95037 (US).

(72, 75) **MARSH, David** [US/US]; 6208 E. Juana Court, Cave Creek, AZ 85331 (US). **LeVEILLE, Greg, R.** [US/US]; 17636 Vineland Court, Monte Sereno, CA 95037 (US).

(74) **CLAYTON, Grant, R.** et al. / etc.; Thorpe, North & Western, L.L.P., Suite 200, 9035 South 700 East, Sandy, UT 84070 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20405** (13) A2

(21) PCT/US97/20118

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 60/030,346 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F

(54) METHOD AND SYSTEM FOR SCREEN TEXT CAPTURING PROCEDE ET SYSTEME PERMETTANT DE CAPTURER UN TEXTE SUR ECRAN

(71) **U.C. MEDIA, INC.** [CN/US]; Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CEN, Ambin** [US/US]; U.C. Media, Inc., Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US). **WEI, Yueping** [CN/CN]; U.C. Media, Inc., Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US).

(74) **CELLA, Charles, H.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20406** (13) A2

(21) PCT/US97/20129

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 60/030,346 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F

(54) SERVER BASED METHOD AND SYSTEM FOR SCREEN TEXT CAPTURING PROCEDE ET SYSTEME, FAISANT INTERVENIR UN SERVEUR, PERMETTANT DE CAPTURER UN TEXTE SUR ECRAN

(71) **U.C. MEDIA, INC.** [CN/US]; Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CEN, Ambin** [US/US]; U.C. Media, Inc., Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US). **WEI, Yueping** [CN/CN]; U.C. Media, Inc., Empire State Building, Suite 4517, 350 Fifth Avenue, New York, NY 10118 (US).

(74) **CELLA, Charles, H.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20407** (13) A1

(21) PCT/JP96/03252

(22) **7 Nov/nov 1996 (07.11.1996)**

(25) ja (26) ja

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 1/10, 15/78, H04L 25/38, H03K 23/66, 23/68, H03L 7/093

(54) SEMICONDUCTOR INTEGRATED CIRCUIT AND MICROCOMPUTER CIRCUIT INTEGRE A SEMI-CONDUCTEURS ET MICRO-ORDINATEUR

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP). **HITACHI ULSI ENGINEERING CORP.** [JP/JP]; 20-1, Joso-cho 5-chome, Kodaira-shi, Tokyo 187 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Toshio** [JP/JP]; Corpo-Ishii 102, 6-3, Kawasaki 2-chome, Hamura-shi, Tokyo 205 (JP). **MATSUI, Shigezumi** [JP/JP]; Vorn-Heim A202, 12-16, Gakuennishi-machi 1-chome, Kodaira-shi, Tokyo 187 (JP). **KURITA, Koza-buro** [JP/JP]; 594-3, Shin-machi, Oume-shi, Tokyo 198 (JP). **HASEGAWA, Kiyoshi** [JP/JP]; Hitachi-cho-L-Daini-Haijima-Ryo, 1658-1, Kumagawa, Fussa-shi, Tokyo 197 (JP). **KUDO, Ikuo** [JP/JP]; Keio-Koganei Mansion 304, 10-19, Nukuikita-machi 2-chome, Koganei-shi, Tokyo 184 (JP).

(74) **OBINATA, Tomio**; Yamamoto Building 2F, 4, Kagurazaka 3-chome, Shinjuku-ku, Tokyo 162 (JP).

(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20408** (13) A1

(21) PCT/US97/20088

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,785 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 1/26

(54) EXTERNALLY POWERED INTERFACE INTERFACE A ALIMENTATION EXTERNE

(71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, B52-1J, Foxboro, MA 02035 (US).

(72) **ANDERSON, Daniel, J.**; 209 North Pinetta Drive, Richmond, VA 23235 (US).

- (74) **POWSNER, David, J.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20409** (13) A1
- (21) PCT/US97/20187
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 60/029,918 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) 60/053,290 (32) **21 Jul/juill 1997 (21.07.1997)** (33) US
- (31) 60/059,386 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 3/00, 3/03
- (54) PERSONALIZED AUTOMATED OPERATOR POSITION
POSTE D'OPERATEUR AUTOMATISE PERSONNALISE
- (71) **GOLDEN ENTERPRISES, INC.** [-/US]; 4550 W. Eau Gallie Boulevard, Melbourne, FL 32934 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **CANNON, Dale, E.** [US/US]; 1505 Masters Road N.W., Palm Bay, FL 32907 (US).
CONNOR, Andrew, F. [US/US]; 305 Edgewood Drive, Melbourne, FL 32901 (US).
CORBIN, Bruc, A. [US/US]; 350 Avenida De Paz, Indialantic, FL 32903 (US).
STARR, Kerry, L. [US/US]; 1119 Walden Boulevard S.E., Palm Bay, FL 32909 (US).
ADAMO, Mark, M. [US/US]; 2861 Ohio Street, West Melbourne, FL 32904 (US).
- (74) **WANDS, Charles, E.**; Law Office of Charles E. Wands, Suite 211, 5240 Babcock Street, N.E., Palm Bay, FL 32905 (US).
- (81) AU CA DE GB KR MX NZ SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20410** (13) A1
- (21) PCT/US97/20597
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/745,294 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 3/00, 15/163
- (54) SYSTEM FOR INTEGRATING AN ON-LINE SERVICE COMMUNITY WITH A FOREIGN SERVICE
SYSTEME PERMETTANT D'INTEGRER UN SERVICE ETRANGER DANS UNE COMMUNAUTE UTILISANT UN SERVICE EN LIGNE
- (71) **COMPUSERVE INCORPORATED** [US/US]; 5000 Arlington Centre Boulevard, Columbus, OH 43220 (US).

- (72) **MACNAUGHTON, Bruce, A.**; 4445 Stonebrook Court, Columbus, OH 43220 (US).
TURNER, Leigh, R.; 1948 Belgrave Drive, Upper Arlington, OH 43220 (US).
- (74) **STANDLEY, Jeffrey, S.**; Standley & Gilcrest, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (21) PCT/US97/20687
- (22) **8 Nov/nov 1997 (08.11.1997)**
- (25) en (26) en
- (31) 60/030,166 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 3/00
- (54) AUTOMATIC ACCESS OF ELECTRONIC INFORMATION THROUGH MACHINE-READABLE CODES ON PRINTED DOCUMENTS
ACCES AUTOMATIQUE A DES INFORMATIONS ELECTRONIQUES AU MOYEN DE CODES LISIBLES PAR MACHINE IMPRIMES SUR DES DOCUMENTS
- (71) **NEOMEDIA TECHNOLOGIES, INC.** [US/US]; Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).
- (72) **DURST, Robert, T., Jr.**; 6054 Timber Woods Circle #240, Fort Myers, FL 33908 (US).
KEVIN, Hunter; NeoMedia Technologies, Inc., Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).
- (74) **BARKUME, Anthony, R.**; Suite 200, 14 South Main Street, Sayville, NY 11782 (US).
- (81) JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (21) PCT/JP97/04023
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) ja (26) ja
- (31) 8/311368 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 3/033
- (54) MOUSE PAD
TAPIS POUR SOURIS
- (71) **KITAJIMA CRAFT LTD.** [JP/JP]; 141, Aza-Imai, Shimobun, Kamiyama-cho, Myozai-gun, Tokushima 771-34 (JP).
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- (71, 72) **MURAMOTO, Yoshihiko** [JP/JP]; 6-49, Minamiyaso-cho 2-chome, Tokushima-shi, Tokushima 770 (JP).
- (74) **SUDOU, Asako**; 6-3-103, Kajino-cho 5-chome, Koganei-shi, Tokyo 184 (JP).

- (81) AU BR CA CN IL JP KR MX NZ RU SG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20413** (13) A1
- (21) PCT/US97/15066
- (22) **26 Aug/Août 1997 (26.08.1997)**
- (25) en (26) en
- (31) 08/743,943 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 7/00, H03K 3/84
- (54) RANDOM TIME INTERVAL GENERATOR
GENERATEUR D'INTERVALLES DE TEMPS ALEATOIRES
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **GUTHRIE, Warren, E.**; 23WO053 Hackberry, Glen Ellyn, IL 60137 (US).
TRAINOR, Michael, J.; 551 Helen Road, Palatine, IL 60067 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) : EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20414** (13) A1
- (21) PCT/US97/13504
- (22) **30 Jul/juill 1997 (30.07.1997)**
- (25) en (26) en
- (31) 08/746,285 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G06F 9/30, 9/38
- (54) METHOD FOR SUPPORTING A VARIETY OF INSTRUCTION FETCH UNITS IN A PIPELINE WITH A SINGLE MICROPROCESSOR CORE
PROCEDE DE SUPPORT D'UNE MULTIPLICITE D'UNITES D'EXTRACTION D'INSTRUCTIONS DANS UN PIPELINE COMPORTANT UNE MEMOIRE CENTRALE UNIQUE DE MICROPROCESSEUR
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **MEYER, Paul, G.**; 1080 East Flint Street, Chandler, AZ 85225 (US).
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TOPPS, Avery; 13625 South 48th Street #1035, Phoenix, AZ 85044 (US).

- (74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/IB97/01197
 (22) **2 Oct/oct 1997 (02.10.1997)**
 (25) en (26) en
 (31) 96203063.1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 9/32, 9/38, 12/06
 (54) PROCESSING DEVICE, READS INSTRUCTIONS IN MEMORY
 DISPOSITIF DE TRAITEMENT A LECTURE D'INSTRUCTIONS EN MEMOIRE
 (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
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 (72) **ZANDVELD, Frederik**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VLOT, Marnix, Claudius**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **DE HAAS, Laurens, Johan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
 (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20416** (13) A1
 (21) PCT/US96/17516
 (22) **4 Nov/nov 1996 (04.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 9/38
 (54) A STRIDE-BASED DATA ADDRESS PREDICTION STRUCTURE
 STRUCTURE DE PREDICTION D'ADRESSE DE DONNEES FONDEE SUR LE RYTHME
 (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Sunnyvale, CA 94088 (US).
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 (72, 75) **PICKETT, James, K.** [-/US]; 9802 Scenic Bluff Drive, Austin, TX 78733 (US).
 (74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20417** (13) A1
 (21) PCT/US97/19863
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 08/743,803 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 9/455, 13/00
 (54) INFORMATION APPLIANCE ARCHITECTURE ARCHITECTURE DE CONFIGURATION INFORMATIQUE
 (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303-4900 (US).
 (72) **COLEMAN, Patrick, J.**; 734 Linden Avenue, Burlingame, CA 94010 (US). **WHITTAKER, Thomas, E.**; 3961 Cassanova Drive, San Mateo, CA 94003 (US). **YIP, David, C., W.**; 558 Worley Avenue, Sunnyvale, CA 94086 (US). **MOORE, Mark, A.**; 1688 Sacramento Street #402, San Francisco, CA 94109 (US).
 (74) **HAYNES, Mark, A.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
 (81) GB JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20418** (13) A1
 (21) PCT/GB96/02703
 (22) **5 Nov/nov 1996 (05.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 9/46
 (54) PROCESS CONTROL
 COMMANDE DE PROCEDE
 (71) **CYBERLIFE TECHNOLOGY LIMITED** [GB/GB]; Quern House, Mill Court, Great Shelford, Cambridge CB2 5LD (GB).
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 (72, 75) **GRAND, Stephen, Lewis** [GB/GB]; The Old Station House, Haybridge, Wells, Somerset BA5 1AQ (GB).
 (74) **ROBINSON, Nigel, Alexander, Julian**; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20419** (13) A1
 (21) PCT/US97/20406
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/747,151 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 11/00
 (54) SYSTEM AND METHOD FOR MAINTAINING A LOGICALLY CONSISTENT BACKUP USING MINIMAL DATA TRANSFER
 SYSTEME ET PROCEDE POUR ASSURER UNE SAUVEGARDE A COHERENCE LOGIQUE A L'AIDE D'UN TRANSFERT DE DONNEES MINIMAL
 (71) **VINCA CORPORATION** [US/US]; Suite 2000, 1815 South State Street, Orem, UT 84111 (US).
 (72) **OHRAN, Richard**; 71 West 4750 North, Provo, UT 84604 (US).
 (74) **NYDEGGER, Rick, D.**; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20420** (13) A1
 (21) PCT/US96/17517
 (22) **4 Nov/nov 1996 (04.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 12/08
 (54) A DATA CACHE CAPABLE OF PERFORMING STORE ACCESSES IN A SINGLE CLOCK CYCLE
 ANTEMEMOIRE DE DONNEES CAPABLE D'EFFECTUER DES ACCES MEMOIRE DANS UN SEUL CYCLE D'HORLOGE
 (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Sunnyvale, CA 94088 (US).
 (72) **WITT, David, B.**; 6318 Pathfinder Drive, Austin, TX 78759 (US). **HATTANGADI, Rajiv, M.**; 10535 Redmond Road, Austin, TX 78739 (US).
 (74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20421** (13) A1
 (21) PCT/US96/17518
 (22) **4 Nov/nov 1996 (04.11.1996)**
 (25) en (26) en
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 12/08
 (54) A WAY PREDICTION STRUCTURE
 STRUCTURE DE PREVISION DE VOIE
 (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Sunnyvale, CA 94088 (US).
 (72) **ROBERTS, James, S.**; 10610 Morado Circle #2621, Austin, TX 78759 (US). **PICKETT, James, K.**; 9802 Scenic Bluff Drive, Austin, TX 78733 (US).
 (74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20422** (13) A1
 (21) PCT/US97/19626
 (22) **30 Oct/oct 1997 (30.10.1997)**
 (25) en (26) en
 (31) 08/745,098 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 13/00
 (54) EIGHT-BIT MICROCONTROLLER HAVING A RISC ARCHITECTURE
 MICROCONTROLEUR HUIT BITS A ARCHITECTURE RISC
 (71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).
 (72) **WOLLAN, Vegard**; Nedre Flataasvei 438, N-7079 Flataasen (NO). **BOGEN, Alf-Egil**; Nordslettveien 8g, N-7038 Trondheim (NO). **MYKLEBUST, Gaute**; Teglbrennerveien 7a, N-7013 Trondheim (NO). **BRYANT, John, D.**; 1693 Millec Avenue, Los Altos, CA 94024 (US).
 (74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).
 (81) CN DE GB JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (21) PCT/US97/20027
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/743,828 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 13/00
 (54) SYSTEM AND METHOD FOR COMMUNICATING DIGITALLY-ENCODED ACOUSTIC INFORMATION ACROSS A NETWORK BETWEEN COMPUTERS
 SYSTEME ET PROCEDE PERMETTANT DE COMMUNIQUER DES INFORMATIONS ACOUSTIQUES A CODAGE NUMERIQUE SUR UN RESEAU ENTRE DES ORDINATEURS
 (71) **MULTITUDE, INC.** [US/US]; Suite 113, 1650 South Amphlett Boulevard, San Mateo, CA 94402 (US).
 (72) **MORRIS, James, E., G.**; 1136 Lincoln Court, San Jose, CA 95125 (US). **LERNER, Edward, A.**; 2833 Union Street, San Francisco, CA 94123 (US).
 (74) **FERRELL, John, S.** et al. / etc.; Carr & Ferrell, LLP, Suite 200, 2225 East Bayshore Road, Palo Alto, CA 94303 (US).
 (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/US97/19155
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 (25) en (26) en
 (31) 08/743,526 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 13/362
 (54) METHOD AND SYSTEM FOR STORAGE AND RETRIEVAL OF DATA ON A TAPE MEDIUM
 PROCEDE ET SYSTEME POUR STOCKER ET EXTRAIRE DES DONNEES AVEC UN SUPPORT EN BANDE
 (71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; 2270 South 88th Street, Louisville, CO 80028-4309 (US).
 (72) **HOWARD, David**; 91 Beech Grove, Guildford, Surrey GU2 5UX (GB).
 (74) **SZUMA, Jeffrey, M.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (US).
 (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20425** (13) A2
 (21) PCT/EP97/06105
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 (31) 96122056 (32) **6 Nov/nov 1996 (06.11.1996)** (33) RU
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 13/38
 (54) A METHOD FOR DETERMINING THE NUMBER OF ACCESSES GRANTED DURING WCL AND APPARATUS
 PROCEDE POUR DETERMINER LE NOMBRE D'ACCES ACCORDES LORS D'UN TEMPS D'ATTENTE AVEC LA PIRE EVENTUALITE, ET APPAREIL
 (71) **MOTOROLA INC.** [US/CH]; Wilmington Geneva Branch Office, 207, route de Ferney, CH-1218 Grand-Saconnex (CH).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SOBOLEVA, Marianna** [RU/RU]; Novocherkassky pr., 40-18, St. Petersburg, 195112 (RU). **MAKEYEV, Sergej** [RU/RU]; 12-1-48 Timurovskaya Street, St.Petersburg, 195297 (RU). **ARTAMONOV, Andrey** [RU/RU]; 122-458 Savushkina Street, St.Petersburg, 197374 (RU). **SOJA, Richard** [US/US]; 4008 Crystal Water Cove, Austin, TX 78735 (US).
 (74) **RICHARDT, Marcus**; Motorola GmbH, Hagenauer Strasse 47, D-65203 Wiesbaden (DE).
 (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20426** (13) A1
 (21) PCT/US97/19956
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 (31) 08/743,230 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ G06F 15/16
 (54) EXTERNAL CACHE FOR ON-LINE RESOURCES
 ANTEMEMOIRE EXTERIEURE DESTINEE A DES RESSOURCES EN LIGNE
 (71) **MICROAGE COMPUTER CENTERS, INC.** [US/US]; 2400 South MicroAge Way, Tempe, AZ 85282 (US).
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 (72, 75) **CADIS, Harman, D.** [US/US]; 1465 East Silverwood Drive, Phoenix, AZ 85044 (US). **GRANT, Bruce** [US/US]; 1029 East Wesleyan Drive, Tempe, AZ 85282 (US). **WILLIAMSON, Patrick, C.** [US/US]; 1729 West Tonto Lane, Phoenix, AZ 85027 (US). **WEBSTER, Kevin** [US/US]; 2023 South Athena, Mesa, AZ 85208 (US).
 (74) **TAKAHASHI, Mark, M.**; Snell & Wilmer, 10th floor, 400 East Van Buren, Phoenix, AZ 85004 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (31) 96203069.8 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06F 15/82 // 9/06, 13/00, 15/16
 (54) SIGNAL PROCESSING DEVICE, USING MORE THAN ONE PROCESSING ELEMENT
 DISPOSITIF DE TRAITEMENT DU SIGNAL A L'AIDE D'AU MOINS UN ELEMENT DE TRAITEMENT
 (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
 (only for / seulement pour SE)
 (72) **LEIJTEN, Jeroen, Anton, Johan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN MEERBERGEN, Jozef, Louis**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TIMMER, Adwin, Hugo**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
 (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20428** (13) A1
 (21) PCT/US97/19912
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 08/742,713 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/24, 17/21

(54) INTERACTIVE AND AUTOMATIC PROCESSING OF TEXT TO IDENTIFY LANGUAGE BIAS
 TRAITEMENT DE TEXTE AUTOMATIQUE ET INTERACTIF, AUX FINS D'IDENTIFICATION DU SENS TENDANCIEUX DU LANGAGE

(71, 72) **BLAND, Linda, M.** [US/US]; Westman Road, R.D. 1, Box 282, Cambridge, VT 05444-9704 (US). **WITTMANN, David** [US/US]; 4 Valley Ridge, South Burlington, VT 05403 (US).

(74) **TOUW, Theodore, R.**; 4 Forest Lane, Westford, VT 05494 (US).

(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20429** (13) A1

(21) PCT/US96/19780

(22) **10 Dec/déc 1996 (10.12.1996)**

(25) en (26) en

(31) 08/744,021 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/28 // 3/00

(54) METHOD FOR CONVERTING NON-PHONETIC CHARACTERS INTO SURROGATE WORDS FOR INPUTTING INTO A COMPUTER
 PROCÉDE DE TRANSCRIPTION DE CARACTÈRES NON PHONÉTIQUES EN MOTS DE SUBSTITUTION POUR LES ENTRER DANS UN ORDINATEUR

(71) **KANJI SOFTWARE, INC.** [US/US]; Suite 2785, 2533 North Carson Street, Carson City, NV 89706 (US).

(72) **CHAN, Kun, Chun**; 6965 Fisk Avenue, San Diego, CA 92122 (US).

(74) **CHAN, Raymond, Y.**; 516 San Luis Rey Road, Arcadia, CA 91007 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20430** (13) A1

(21) PCT/CA97/00807

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,024 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30

(54) INDEPENDENT DISTRIBUTED DATABASE SYSTEM
 SYSTÈME DE BASE DE DONNÉES REPARTIES INDEPENDANTE

(71) **CURRENT NETWORK TECHNOLOGIES CORPORATION** [CA/CA]; Suite 150, 2695 North Sheridan Way, Mississauga, Ontario L5K 2N6 (CA).
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(72, 75) **SUTTER, Herbert, P.** [CA/CA]; 2228 Urwin Crescent, Oakville, Ontario L6L 2T2 (CA).

(74) **VASS, William, B.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20431** (13) A1

(21) PCT/NZ97/00154

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 299709 (32) **7 Nov/nov 1996 (07.11.1996)** (33) NZ

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30, 17/60, 19/00

(54) DATA ANALYSIS METHOD FOR CLARIFICATION OF PERCEPTIONS
 METHODE D'ANALYSE DE DONNÉES PERMETTANT DE CLARIFIER LES PERCEPTIONS

(71) **ENQUIRE WITHIN DEVELOPMENTS LIMITED** [NZ/NZ]; c/o Robin Henderson, 2/1 Marion Street, Wellington (NZ).
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(72, 75) **STEWART, Valerie, Glenys** [GB/NZ]; Combe Hill Cottage, Keinton, Mandeville, Somerton, Somerset TA1 16DQ (GB). **MAYES, Christopher, John** [NZ/NZ]; 94 Majoribanks Street, Mount Victoria, Wellington (NZ).

(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20432** (13) A1

(21) PCT/US97/18878

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 60/029,558 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/772,634 (32) **23 Dec/déc 1996 (23.12.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30

(54) AUTOMATIC TRANSMISSION OF LEGACY SYSTEM DATA
 TRANSMISSION AUTOMATIQUE DE DONNÉES DE SYSTÈME D'HERITAGE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **KELLIHER, Timothy, Patrick**; 876 Charlton Road, Scotia, NY 12302 (US). **BRUNO, Jeanette, Marie**; Box 321 B, Route 9P, Saratoga Springs, NY 12866-130 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20433** (13) A1

(21) PCT/US97/19491

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/744,490 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30 // C12Q 1/68

(54) ALIGNMENT-BASED SIMILARITY SCORING METHODS FOR QUANTIFYING THE DIFFERENCES BETWEEN RELATED BIOPOLYMER SEQUENCES
 PROCÉDES D'ÉVALUATION DES SIMILITUDES PAR ALIGNEMENT QUANTIFIANT LES DIFFÉRENCES ENTRE DES SÉQUENCES APPARENTÉES DE BIOPOLYMERES

(71) **THE PERKIN-ELMER CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) **SHARAF, Muhammad, A.**; 96 Sequoyah View Drive, Oakland, CA 94605 (US).

(74) **GROSSMAN, Paul, D.**; The Perkin-Elmer Corporation, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20434** (13) A2

(21) PCT/US97/19719

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(31) 08/745,899 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/762,289 (32) **9 Dec/déc 1996 (09.12.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30

(54) SYSTEM AND METHOD FOR DISPLAYING INFORMATION AND MONITORING COMMUNICATIONS OVER THE INTERNET
 SYSTÈME ET PROCÉDE D'AFFICHAGE D'INFORMATIONS ET DE GESTION DES COMMUNICATIONS SUR LE RESEAU INTERNET

(71) **VAYU WEB, INC.** [US/US]; Suite 206, 309 Mamaroneck Avenue, White Plains, NY 10605 (US).

(72) **LENZ, Frederick, P.**; 183 Old Field Road, Old Field, NY 11733 (US).

(74) **MCNELIS, John, T.** et al. / etc.; Fenwick & West LLP, Suite 700, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20435** (13) A1

(21) PCT/US97/20193

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,202 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30, 17/60

(54) A KNOWLEDGE-BASED MODERATOR FOR ELECTRONIC MAIL HELP LISTS
MODERATEUR A BASE DE CONNAISSANCE POUR LISTES D'AIDE DE COURRIER ELECTRONIQUE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **HALL, Robert, J.**; 79 Beech Avenue, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.**; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20436** (13) A2

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(31) 08/747,092 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/892,548 (32) **14 Jul/juil 1997 (14.07.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/30

(54) METHOD AND APPARATUS FOR ORGANIZING AND PROCESSING INFORMATION USING A DIGITAL COMPUTER
PROCEDE ET APPAREIL POUR ORGANISER ET TRAITER DES INFORMATIONS A L'AIDE D'UN ORDINATEUR NUMERIQUE

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiqué

(71) **NATRIFICIAL LLC** [US/US]; Suite 200, 1101 Colorado Avenue, Santa Monica, CA 90401 (US).
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(72, 75) **HUGH, Harlan, M.** [-/US]; 3445 Mentone Avenue No. 213, Los Angeles, CA 90034 (US).
HUGH, Errolson [-/US]; Suite 200, 1101 Colorado Avenue, Santa Monica, CA 90401 (US).
COZAD, Michael [-/US]; Suite 200, 1101 Colorado Avenue, Santa Monica, CA 90401 (US).

(74) **BRUNELL, Norman, E.** et al. / etc.; Irell & Manella LLP, 1800 Avenue of the Stars, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20437** (13) A2

(21) PCT/US97/20918

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,187 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/50

(54) SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR IDENTIFYING CHEMICAL COMPOUNDS HAVING DESIRED PROPERTIES
SYSTEME, PROCEDE ET PROGRAMME PRODUIT INFORMATIQUE POUR IDENTIFIER DES COMPOSES CHIMIQUES PRESENTANT DES PROPRIETES DESIREES

(71) **3-DIMENSIONAL PHARMACEUTICALS, INC.** [US/US]; Eagleview Corporate Center, Suite 104, 665 Stockton Drive, Exton, PA 19341 (US).

(72) **AGRAFIOTIS, Dimitris, K.**; 38 Lindenwood Drive, Exton, PA 19341 (US).
BONE, Roger, F.; 797 Garfield Avenue, Bridgewater, NJ 08807 (US).
SALEMME, Francis, R.; 107 Marshall Bridge Road, Kennett Square, PA 19348 (US).
SOLL, Richard, M.; 324 Glenn Avenue, Lawrenceville, NJ 08648 (US).

(74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20438** (13) A1

(21) PCT/AU97/00744

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) PO 3393 (32) **4 Nov/nov 1996 (04.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/60

(54) BUSINESS ASSISTANCE METHOD AND MEANS
PROCEDE ET MOYENS DE CONSEIL AUX ENTREPRISES

(71) **PERKS BUSINESS TECHNOLOGY PTY. LTD.** [AU/AU]; 247 Fullarton Road, Eastwood, S.A. 5063 (AU).
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(72, 75) **DAVIS, Mark** [AU/AU]; 1/13 Hewitt Avenue, Rose Park, S.A. 5067 (AU).
SMITH, James, Michael, Jeffrey [AU/AU]; 4/13 Hewitt Avenue, Rose

Park, S.A. 5067 (AU).
PERKS, Gregory, John [AU/AU]; 47 Alexandra Avenue, Rose Park, S.A. 5067 (AU).
ANDERSON, Neil, John [AU/AU]; 45 Weller Street, Goodwood, S.A. 5034 (AU).

(74) **COLLISON & CO.**; 117 King William Street, Adelaide, S.A. 5000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20439** (13) A1

(21) PCT/US97/20538

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,514 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/60, 17/40, 13/362

(54) SYSTEM FOR PROVIDING COMPREHENSIVE HEALTH CARE AND SUPPORT
SYSTEME POUR ASSISTANCE ET SOINS DE SANTE COMPLETS

(71, 72) **ROMAN, Linda, L.** [US/US]; 4813 Normandy Park, Lawrence, KS 66049 (US).

(74) **DANIELS, Stacy, Y.** et al. / etc.; Spencer Fane Britt & Browne, Suite 1400, 1000 Walnut Street, Kansas City, MO 64106 (US).

(81) AU CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/744,109 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06F 17/60

(54) SHOPPING CART MOUNTED PORTABLE DATA COLLECTION DEVICE WITH TETHERED DATAFORM READER
DISPOSITIF PORTABLE DE COLLECTE DE DONNEES MONTE SUR UN CHARIOT DE SUPERMARCHÉ AVEC LECTEUR DE SUPPORT DE DONNEES ATTACHE AU CHARIOT

(71) **TELXON CORPORATION** [US/US]; 3330 West Market Street, Akron, OH 44333 (US).

(72) **O'HAGAN, Timothy, P.**; 31 White Bark Place, Woodlands, TX 77381 (US).
LEWIS, Calvin, E.; 2191 Schubert Avenue, Cuyahoga Falls, OH 44221 (US).

(74) **AMIN, Himanshu, S.**; Renner, Otto, Boisselle & Sklar P.L.L., 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).

(81) AU (Petty patent) CA DE DE (Utility model / modèle d'utilité) GB JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20441** (13) A1
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 (25) de (26) de
 (31) 196 45 460.3 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 7/00
 (54) READER FOR CHIP CARDS
 LECTEUR POUR CARTES A PUCE
 (71) **THOMAS & BETTS GMBH** [DE/DE]; Theodor-Heuss-Strasse 7-9, D-63329 Egelsbach (DE).
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 (72, 75) **LOTZ, Reinhard** [DE/DE]; Bahnstrasse 80, D-64390 Erzhhausen (DE).
 (74) **EYER, Eckhardt**; Robert-Bosch-Strasse 12a, D-63303 Dreieich (DE).
 (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (31) 08/746,085 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 7/00, G06F 12/06, G11B 23/00
 (54) INTERCHANGEABLE CARTRIDGE DATA STORAGE SYSTEM FOR DEVICES PERFORMING DIVERSE FUNCTIONS
 SYSTEME DE STOCKAGE DE DONNEES A CARTOUCHE INTERCHANGEABLE POUR DISPOSITIFS EXECUTANT DIVERSES FONCTIONS
 (71) **IOMEGA CORPORATION** [US/US]; 1821 West 4000 South, Roy, UT 84067 (US).
 (72) **EDWARDS, Kim, B.**; 135 N. Twin Peaks Drive, Layton, UT 84040 (US). **KRIEGER, George, T.**; 25791 Tierra Grande Drive, Carmel, CA 93923 (US). **THOMAS, Fred, III**; 2491 Woodland Drive, Ogden, UT 84403 (US). **WATSON, Brent, J.**; 1263 E. Beverly Way, Bountiful, UT 84010 (US).
 (74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
 (81) CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20443** (13) A2
 (21) PCT/EP97/06094
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 (25) de (26) de
 (31) 296 18 976.6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 7/06
 (54) READER FOR CHIP CARDS
 LECTEUR POUR CARTES A PUCE

- (71) **THOMAS & BETTS GMBH** [DE/DE]; Theodor-Heuss-Strasse 7-9, D-63329 Egelsbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LOTZ, Reinhard** [DE/DE]; Bahnstrasse 80, D-64390 Erzhhausen (DE).
 (74) **EYER, Eckhardt**; Robert-Bosch-Strasse 12a, D-63303 Dreieich (DE).
 (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20444** (13) A1
 (21) PCT/US97/12012
 (22) **10 Jul/juil 1997 (10.07.1997)**
 (25) en (26) en
 (31) 08/743,524 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 7/10
 (54) BARCODE POSITION DETECTING SYSTEM
 SYSTEME DE DETECTION DE L'EMPLACEMENT D'UN CODE A BARRES
 (71) **COMPUTER IDENTICS CORPORATION** [US/US]; 5 Shawmut Road, Canton, MA 02021 (US).
 (72) **AMBOS, Douglas**; 46 Walker Street, Norton, MA 02766 (US). **CHISHOLM, Thomas, J.**; 42 Park Street, Milton, MA 02186 (US). **RICHARD, Gary**; 11 Linfield Circle, Lincoln, RI 02865 (US).
 (74) **IANDIORIO, Joseph, S.** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02154 (US).
 (81) CA KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20445** (13) A1
 (21) PCT/US97/20307
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 08/747,111 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 7/10
 (54) OPTICAL SCANNING WITH CALIBRATED PIXEL OUTPUT
 BALAYAGE OPTIQUE AVEC SORTIE DE PIXELS ETALONNEE
 (71) **NATIONAL COMPUTER SYSTEMS, INC.** [US/US]; 11000 Prairie Lakes Drive, Eden Prairie, MN 55344 (US).
 (72) **MACIEY, James, L.**; 6520 Harff Road, Loretto, MN 55357 (US). **RAYMAKERS, Jack, J.**; 3408 West 29th Street, Minneapolis, MN 55416 (US). **WHEELER, Jerry, D.**; 2649 Sherwood Road, Moundsview, MN 55112 (US).
 (74) **HEMPHILL, Stuart, R.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498 (US).
 (81) AU CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) sv (26) en
 (31) 9604008-4 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 9/22, H04N 1/047, 1/107
 (54) RECORDING METHOD AND APPARATUS
 PROCEDE ET DISPOSITIF D'ENREGISTREMENT
 (71) **C TECHNOLOGIES AB** [SE/SE]; Forskningsbyn Ideon, S-223 70 Lund (SE).
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 (72, 75) **FÄHRAEUS, Christer** [SE/SE]; Fredsgatan 1, III, S-222 20 Lund (SE). **NILSSON, Jan** [SE/SE]; Stora Södergatan 11, S-222 23 Lund (SE). **SÖDERLUND, Patrik** [SE/SE]; Stora Råby, Månstorp, S-224 78 Lund (SE).
 (74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20447** (13) A1
 (21) PCT/US97/20149
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/744,884 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ G06K 15/00
 (54) PRINT-TO-EDGE DESKTOP PRINTING
 IMPRESSIONS DE MARGES PAR IMPRIMANTE MICRO-SYSTEME
 (71) **MONOTYPE TYPOGRAPHY INCORPORATED** [US/US]; 985 Busse Road, Elk Grove Village, IL 60007-2400 (US).
 (72) **DAVIS, William, N.**; 1719 Oak Avenue, Northbrook, IL 60062 (US). **MIROCHNICK, Ira**; 2590 Canterbury Drive, Northbrook, IL 60062 (US).
 (74) **LABRIE, Michael, J.** et al. / etc.; Dougherty & Hessin, P.C., Two Leadership Square, Suite 1400, 211 North Robinson, Oklahoma City, OK 73102 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20448** (13) A1
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(22) **30 Oct/oct 1997 (30.10.1997)**
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(31) 08/743,429 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 08/906,908 (32) **16 Aug/Août 1997 (16.08.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06K 19/06
(54) MULTIPLE MAGNETIC STRIPE TRANSACTION CARDS AND SYSTEMS FOR THE UTILIZATION THEREOF
CARTES DE TRANSACTION A PLUSIEURS BANDES MAGNETIQUES ET SYSTEMES D'UTILISATION ASSOCIES
(63) US 08/906,908 (CIP) 6 Aug/Août 1997 (06.08.1997)
US 08/743,429 (CIP) 1 Nov/nov 1996 (01.11.1996)
(71) **INTERNATIONAL CARD TECHNOLOGY** [US/US]; 10122 Colonial Drive, Ellicott City, MD 21042 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CHAPIN, Stephen, R., Jr.** [US/US]; 10122 Colonial Drive, Ellicott City, MD 21042 (US).
(74) **MOSES, John, R.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20449** (13) A1
(21) PCT/CA97/00808
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 60/030,417 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 08/929,632 (32) **15 Sep/sep 1997 (15.09.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06K 19/067
(54) HIGH SECURITY CAPACITIVE CARD SYSTEM
SYSTEME DE CARTE A COUPLAGE CAPACITIF DE HAUTE SECURITE
(71) **DOYLE ARGOSY INNOVATORS LTD.** [CA/CA]; #3 - 1010 Yates Street, Victoria, British Columbia V8V 3M6 (CA).
(72) **SCHATTSCHNEIDER, George, K.**; 560 Warren Place, Victoria, British Columbia V8Z 6E2 (CA).
DOYLE, Brian, J.; 2059 Byron Street, Victoria, British Columbia V8R 1L8 (CA).
(74) **LAMBERT, Anthony, R.**; Thompson Lambert, Suite #103, 10328 - 81 Avenue, Edmonton, Alberta T6E 1X2 (CA).
(81) BR CN ID JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20450** (13) A1
(21) PCT/EP97/05996
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) de (26) de
(31) 196 45 083.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06K 19/077
(54) CONTACTLESS SMART CARD WITH A TRANSPONDER COIL
CARTE A PUCE SANS CONTACT COMPRENANT UN ENROULEMENT DE TRANSPONDEUR
(71) **AUSTRIA CARD GMBH** [AT/AT]; Lamezans-trasse 4-8, A-1232 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PRANCZ, Markus** [AT/AT]; Treustrasse 3/12, A-1200 Wien (AT).
(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).
(81) CZ HU JP PL RU SI SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20451** (13) A1
(21) PCT/US97/14369
(22) **13 Aug/Août 1997 (13.08.1997)**
(25) en (26) en
(31) 08/748,503 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/047,398 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06K 19/077
(54) ELECTRONIC CARD
CARTE ELECTRONIQUE
(71) **BERG TECHNOLOGY, INC.** [US/US]; One East First Street, Reno, NV 89501 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GERRITS, Antonius, Henricus, Johanna** [NL/NL]; Wijnkelderweg 2, NL-5741 ND Beek en Donk (NL). **VAN ALST, Wim** [NL/NL]; Koninginnelaan 104, NL-5491 JX Oedenrode (NL). **PIGMANS, Paulus, Johannes** [NL/NL]; Grevelingen 37, NL-5032 TC Tilburg (NL). **POTTERS, Paul, Johannes, Marinus** [NL/NL]; Needestraat 8, NL-5651 EG Eindhoven (NL).
(74) **LONG, Daniel, J.** et al. / etc.; 825 Old Trail Road, Eters, PA 17319 (US).
(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20452** (13) A1
(21) PCT/EP97/05680
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) de (26) de
(31) 196 45 084.5 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06K 19/10, 19/14
(54) IDENTITY CARD WITH ADDITIONAL SECURITY FEATURES AND METHOD OF PRODUCING THE SAME
CARTE D'IDENTIFICATION COMPORTANT DES SIGNES DISTINCTIFS SUPPLEMENTAIRES DE SECURITE ET PROCEDE PERMETTANT DE LA PRODUIRE
(71) **AUSTRIA CARD GMBH** [AT/AT]; Lamezans-trasse 4-8, A-1232 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PRANCZ, Markus** [AT/AT]; Treustrasse 3/12, A-1200 Wien (AT).
(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).
(81) CZ HU JP PL RU SI SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
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- (11) **WO 98/20453** (13) A1
(21) PCT/US97/19167
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/743,427 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06T 3/00
(54) LABELING GRAPHICAL FEATURES OF DRAWINGS
APPLICATION D'ETIQUETTES A DES ELEMENTS GRAPHIQUES DE DESSINS
(71) **TOM SAWYER SOFTWARE** [US/US]; 804 Hearst Avenue, Berkeley, CA 94710 (US).
(72) **MADDEN, Brendan, P.**; 2420 Virginia Street #301, Berkeley, CA 94709 (US). **KAKOULIS, Konstantinos, G.**; 13450 Maham Road #132, Dallas, TX 75240 (US). **TOLLIS, Ioannis, G.**; 3532 Parkhaven Drive, Plano, TX 75075 (US).
(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20454** (13) A1
(21) PCT/JP96/03212
(22) **1 Nov/nov 1996 (01.11.1996)**
(25) ja (26) ja
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ G06T 7/00
(54) PATTERN EXTRACTION APPARATUS
APPAREIL D'EXTRACTION DE STRUCTURE
(71) **YAMATAKE-HONEYWELL CO., LTD.** [JP/JP]; 12-19, Shibuya 2-chome, Shibuya-ku, Tokyo 150 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KOBAYASHI, Koji** [JP/JP]; Yamatake-Honeywell Co., Ltd., 12-19, Shibuya 2-chome, Shibuya-ku, Tokyo 150 (JP). **NAKAJIMA, Hiroshi** [JP/JP]; Yamatake-Honeywell Co., Ltd., 12-19, Shibuya 2-chome, Shibuya-ku, Tokyo 150 (JP). **AOKI, Takafumi** [JP/JP]; Tohoku University, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980 (JP). **KAWAMATA, Masayuki** [JP/JP]; Tohoku University, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980 (JP).

HIGUCHI, Tatsuo [JP/JP]; Tohoku University, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980 (JP).

(74) **YAMAKAWA, Masaki**; Yamakawa International Patent Office, 8th floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20455** (13) A1

(21) PCT/JP97/04043

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/293993 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 7/00, B60R 21/00

(54) OBJECT DETECTOR
DETECTEUR D'OBJET

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAGUCHI, Hiroyoshi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **SHINBO, Tetsuya** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **YOSHIMI, Osamu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **MIZUI, Seiichi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).

(74) **KIMURA, Takahisa** et al. / etc.; Sendai Building, 6F, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).

(81) AU US.

(11) **WO 98/20456** (13) A1

(21) PCT/US97/18955

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/744,125 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 7/00

(54) DIGITAL IMAGING AND ANALYSIS SYSTEM
SYSTEME D'IMAGERIE ET D'ANALYSE NUMERIQUE

(71) **PRIMEX TECHNOLOGIES, INC.** [US/US]; 10101 Ninth Street North, St. Petersburg, FL 33716-3807 (US).

(72) **LAURENCE, Peter, C.**; 441 El Rio Road, Danville, CA 94526 (US).

(74) **ROSENBLATT, Gregory, S.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).

(81) CA CN JP KP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/FR97/01996

(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 96/13614 (32) **7 Nov/nov 1996 (07.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 9/00

(54) PREDICTION METHOD AND DEVICE WITH MOTION COMPENSATION
PROCEDE ET DISPOSITIF DE PREDICTION COMPENSEE EN MOUVEMENT

(71) **THOMSON MULTIMEDIA** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIAL, Jean-François** [FR/FR]; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR). **FRANÇOIS, Edouard** [FR/FR]; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(74) **RUELLAN-LEMONNIER, Brigitte**; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20458** (13) A1

(21) PCT/US97/20394

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,574 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 11/20

(54) AESTHETIC IMAGING SYSTEM
SYSTEME D'IMAGERIE ESTHETIQUE

(71) **MIRROR SOFTWARE CORPORATION** [US/US]; 12530 - 128th Lane N.E., Kirkland, WA 98034 (US).

(72) **LINDFORD, Ray, A.**; 14128 - 126th Place N.E., Kirkland, WA 98034 (US). **BLANCHARD, Perin**; 22519 N.E. 165th Court, Woodinville, WA 98072 (US).

(74) **TULLETT, Rodney, C.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20919

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,187 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 11/20

(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR THE VISUALIZATION AND INTERACTIVE PROCESSING AND ANALYSIS OF CHEMICAL DATA
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE POUR VISUALISER, TRAITER ET ANALYSER DE FAÇON INTERACTIVE DES DONNEES CHIMIQUES

(71) **3-DIMENSIONAL PHARMACEUTICALS, INC.** [US/US]; Eagleview Corporate Center, Suite 104, 665 Stockton Drive, Exton, PA 19341 (US).

(72) **AGRAFIOTIS, Dimitris, K.**; 38 Lindenwood Drive, Exton, PA 19341 (US). **LOBANOV, Victor, S.**; 78 Heritage Lane, Exton, PA 19341 (US).

(74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005-3934 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20460** (13) A1

(21) PCT/US96/17659

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G06T 15/50

(54) METHOD AND APPARATUS FOR ANTI-ALIASING POLYGON EDGES IN A COMPUTER IMAGING SYSTEM
PROCEDE ET APPAREIL EVITANT LE CRENELAGE AUX BORDS DE POLYGONES DANS UN SYSTEME D'IMAGERIE D'ORDINATEUR

(71) **MARTIN MARIETTA CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

(72) **STEINER, Walter, Robert**; 1-C Timberline Trail, Ormond Beach, FL 32174 (US). **MORGAN, Michael, Leroy**; 104 Oak Lane Route 1, Volusia, FL 32174 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20461** (13) A2

(21) PCT/US97/15856

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,537 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 60/050,043 (32) **18 Jun/juin 1997 (18.06.1997)** (33) US

(31) 60/054,105 (32) **29 Jul/juil 1997 (29.07.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G07B

(54) SYSTEM FOR PROTECTING CRYPTOGRAPHIC PROCESSING AND MEMORY RESOURCES FOR POSTAL FRANKING MACHINES
 SYSTEME DE PROTECTION DU TRAITEMENT CRYPTOGRAPHIQUE ET DES RESOURCES EN MEMOIRE POUR MACHINES D'AFFRANCHISSEMENT POSTAL

(71) **ASCOM HASLER MAILING SYSTEMS, INC.** [US/US]; 19 Forest Parkway, Shelton, CT 06484 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARTZ, Robert** [US/US]; 191 Linden Avenue, Branford, CT 06405 (US). **BROOKNER, George** [US/US]; 11 Surrey Drive, Norwalk, CT 06851 (US). **NACLERIO, Edward** [US/US]; 49 Scenic Road, Madison, CT 06443-1738 (US).

(74) **FERENCE, Stanley, D., III**; Oppedahl & Larson, Suite 309, 1992 Commerce Street, Yorktown Heights, NY 10598-4412 (US).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20462** (13) A1

(21) PCT/SE97/01812

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) sv (26) en

(31) 9603996-1 (32) **1 Nov/nov 1996 (01.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G07C 7/02

(54) DEVICE FOR SORTING DOCUMENTS
 DISPOSITIF POUR TRIER DES DOCUMENTS

(71, 72) **SÖDERSTRÖM, Sven-Eric** [SE/SE]; Älgvägen 16, S-199 71 Enköping (SE).

(74) **MRAZEK, Werner** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, Drottninggatan 7, P.O. Box 1344, S-751 43 Uppsala (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20463** (13) A1

(21) PCT/DE97/02362

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) de (26) de

(31) 196 45 769.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(31) 197 43 101.1 (32) **30 Sep/sep 1997 (30.09.1997)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G07C 9/00

(54) DEVICE FOR FITTING AN APPARATUS WITH AN ACKNOWLEDGMENT UNIT
 DISPOSITIF POUR ADAPTER UNE UNITE FONCTIONNELLE D'ACCUSE DE RECEPTION SUR UN APPAREIL

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HACKER, Heidrun** [DE/DE]; Hirschstrasse 34, D-71282 Hemmingen (DE). **SCHMITZ, Stephan** [DE/DE]; Seyfferstrasse 53, D-70197 Stuttgart (DE).

(81) AU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20464** (13) A1

(21) PCT/ES97/00264

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) es (26) es

(31) P 9602334 (32) **5 Nov/nov 1996 (05.11.1996)** (33) ES

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G07F 3/02

(54) COIN DISCRIMINATOR SYSTEM
 SYSTEME DE TRI DE PIECES DE MONNAIE

(71) **JOFEMAR I MAS D, S.L.** [ES/ES]; Carretera de Marcilla, Km.2, E-31350 Peralta (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUINDULAIN VIDONDO, Félix** [ES/ES]; Calle del Rio, E-31350 Peralta (ES).

(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) AU BR CA MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20465** (13) A1

(21) PCT/FR97/01985

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13412 (32) **4 Nov/nov 1996 (04.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G07F 7/08, 17/32

(54) SYSTEM FOR MANAGING THE TRANSFER OF UNITS OF RECORDED VALUE
 SYSTEME DE GESTION DES TRANSFERTS D'UNITES DE VALEUR

(71) **GEMPLUS S.C.A.** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activité de Gémenos, F-13881 Gémenos Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOGLINO, Jean-Jacques** [FR/FR]; Les Terrasses de l'Audiguier, F-13790 Peynier (FR). **NICOLAI, Alain** [FR/FR]; Boulevard Enclô de Pont, F-13190 Allauch (FR).

(74) **NONNENMACHER, Bernard**; Gemplus S.C.A., Z.I. Athélia III - Voie Antiope, F-13600 La Ciotat (FR).

(81) RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20466** (13) A1

(21) PCT/GB97/02959

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 9623209.5 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08B 7/06

(54) ALARMS
 LES ALARMES

(71) **SIGNATURE INDUSTRIES LIMITED** [GB/GB]; Tom Cribb Road, Thamesmead, London SE28 0BH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FAGENCE, David, Alan** [GB/GB]; Tom Cribb Road, Thamesmead, London SE28 0BH (GB).

(74) **SHERRARD-SMITH, Hugh** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).

(81) AU CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20467** (13) A1

(21) PCT/US97/15950

(22) **9 Sep/sep 1997 (09.09.1997)**

(25) en (26) en

(31) 08/745,683 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08B 13/14, 13/24, H01F 1/03, 1/04

(54) MARKER WITH LARGE BARKHAUSEN DISCONTINUITY
 INDICATEUR PRESENTANT UNE IMPORTANTE DISCONTINUITÉ DUE A L'EFFET DE BARKHAUSEN

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(72) **HO, Wing, K.**; 9174 Chianti Court, Boynton Beach, FL 33437 (US). **YAMASAKI, Jiro**; 1-32-204, Mishimazaki, Higashiku, Fukuoka 813 (JP).

(74) **TORRENTE, John, J.**; Robin, Blecker, Daley & Driscoll, 330 Madison Avenue, New York, NY 10017 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20468** (13) A1

(21) PCT/US97/19736

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/742,466 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08B 21/00, H01F 30/12, G01R 1/00

(54) MODULAR CORE, SELF-POWERED POWER-LINE SENSOR
 DETECTEUR DE TENSION D'ALIMENTATION AUTO-ALIMENTÉ, A NOYAU MODULAIRE

(71) **FOSTER-MILLER, INC.** [US/US]; 350 Second Avenue, Waltham, MA 02154 (US).

(72) **WIESMAN, Richard, M.**; 21 High Rock Road, Wayland, MA 01778 (US). **MASON, Timothy, J.**; 12 West River Road, Uxbridge, MA 01569 (US). **BASTARACHE, Gary, R.**; 86 Hampstead Place, Athol, MA 01331 (US).

(74) **TESKA, Kirk** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02154 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20469** (13) A1

(21) PCT/US97/19045

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 08/744,980 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08C 19/02, G07C 3/00

(54) DIAGNOSTICS FOR RESISTANCE BASED TRANSMITTER
DIAGNOSTIC POUR EMETTEUR A RESISTANCE

(71) **ROSEMOUNT INC.** [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).

(72) **ERYUREK, Evren**; 4952 York Avenue South, Minneapolis, MN 55410 (US). **LENZ, Gary**; 6536 Mistral Lane, Eden Prairie, MN 55344 (US).

(74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) CA CN JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20470** (13) A1

(21) PCT/US97/19971

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,120 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08G 1/01

(54) RESIDUAL CHARGE EFFECT TRAFFIC SENSOR
DETECTEUR DE CIRCULATION A EFFET DE CHARGE RESIDUELLE

(71, 72) **TYBURSKI, Robert** [US/US]; P.O. Box 244, Lottsburg, VA 22511 (US).

(72) **SHILLADY, Robert**; 1398 Uxbridge Way, North Wales, PA 19454 (US).

(74) **KONDRACKI, Edward, J.**; Kerkam, Stowell, Kondracki & Clarke, P.C., Two Skyline Place, Suite 600, 5203 Leesburg Pike, Falls Church, VA 22041 (US).

(81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20471** (13) A1

(21) PCT/EP97/05943

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) de (26) de

(31) 196 45 631.2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G08G 1/0967

(54) METHOD OF DETECTING DATA FROM A CARRIAGEWAY SECTION AND ROAD COVERING FOR CARRYING OUT SAID METHOD
PROCEDE DE DETECTION DE DONNEES PROVENANT DE LA ZONE D'UNE CHAUSSEE ET REVETEMENT DE CHAUSSEE POUR METTRE LEDIT PROCEDE EN OEUVRE

(71) **PETERS, Klaus** [DE/DE]; Klosterweg 72a, D-47574 Goch (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RÖHLE, Hermann** [DE/DE]; Brücknerweg 20, D-71717 Beilstein (DE).

(74) **RIEDEL, Peter** et al. / etc.; Walter Jackisch & Partner, Menzelstrasse 40, D-70192 Stuttgart (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20472** (13) A2

(21) PCT/US97/19326

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/738,959 (32) **24 Oct/oct 1996 (24.10.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09B

(54) AN APPARATUS AND METHOD FOR DISPLAYING PATTERNS OF MAGNETIC FIELDS
APPAREIL ET PROCEDE DESTINES A AFFICHER DES CONFIGURATIONS DE CHAMPS MAGNETIQUES

(71) **THE NEW CURIOSITY SHOP, INC.** [US/US]; 1924-A Old Middlefield Way, Mountain View, CA 94043 (US).

(72) **CHABAY, Ian**; 174 Granada Drive, Mountain View, CA 94043 (US).

(74) **LOHSE, Timothy, W.**; Gray Cary Ware & Freidenrich, 400 Hamilton Avenue, Palo Alto, CA 94301 (US).

(81) CA JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20473** (13) A1

(21) PCT/GB97/03038

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 9623198.0 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

(31) 9623200.4 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09B 23/30, 23/28

(54) METHOD OF MANUFACTURING A SURGICAL MODEL
PROCEDE DE FABRICATION D'UN MODELE CHIRURGICAL

(71) **UNITED SURGICAL SERVICES LIMITED** [GB/GB]; 12 Britannia Square, Worcester WR1 3DG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STROVER, Sheila, Margaret** [GB/GB]; 12 Britannia Square, Worcester WR1 3DG (GB). **STROVER, Ross, Angus** [GB/GB]; 12 Britannia Square, Worcester WR1 3DG (GB).

(74) **JACKSON, Derek, Charles**; Derek Jackson Associates, The Haven, Plough Road, Tibberton, Droitwich, Worcestershire WR9 7NQ (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20474** (13) A1

(21) PCT/GB97/02982

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9622770.7 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09B 23/32, 19/00

(54) NAIL TREATMENT TRAINING DEVICE
APPAREIL D'INITIATION AUX SOINS DES ONGLES

(71, 72) **GRACE, John** [GB/GB]; 113 Lodge Lane, Grays, Essex RM17 5SF (GB). **SIMMONS, David** [GB/GB]; Peacocks Farm, Wickhambrook, Newmarket, Suffolk CB8 8PX (GB).

(74) **ELSWORTH, Dominic, Stephen**; Loven & Co., Quantum House, 30 Tentercroft Street, Lincoln LN5 7DB (GB).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20475** (13) A1

(21) PCT/US97/19660

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/742,041 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/00, 3/02, H04N 5/74, 9/31

(54) PROJECTION DISPLAY WITH GRADATION LEVELS OBTAINED BY MODULATION OF BEAMLETS

AFFICHAGE PAR PROJECTION AVEC OBTENTION DE NIVEAUX DE GRADATION PAR MODULATION DE PETITS FAISCEAUX

(71) **LASER POWER CORPORATION** [US/US]; 12777 High Bluff Drive, San Diego, CA 92130 (US).

(72) **FINK, Charles, G.**; 11550 Caminito la Bar #116, San Diego, CA 92126 (US). **FLINT, Graham, W.**; 1301 Ridgecrest Drive, Albuquerque, NM 87108 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20476** (13) A1

(21) PCT/JP97/04039

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/312769 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/20

(54) PICTURE REPRODUCING DEVICE, PROJECTOR, PICTURE REPRODUCING SYSTEM, AND INFORMATION STORING MEDIUM
DISPOSITIF DE REPRODUCTION D'IMAGES, PROJECTEUR, SYSTEME DE REPRODUCTION D'IMAGES ET SUPPORT D'ENREGISTREMENT D'INFORMATION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-08 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIWARA, Shuichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392 (JP).

(74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building, 2nd floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167 (JP).

(81) JP US.

(11) **WO 98/20477** (13) A1

(21) PCT/JP97/04040

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/312768 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/20

(54) PICTURE REPRODUCING DEVICE, PROJECTOR, PICTURE REPRODUCING SYSTEM, AND INFORMATION STORING MEDIUM
DISPOSITIF DE REPRODUCTION D'IMAGE, PROJECTEUR, SYSTEME DE REPRODUCTION D'IMAGE ET MOYEN DE STOCKAGE D'INFORMATIONS

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-08 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAITO, Keijiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392 (JP).

(74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building, 2nd floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167 (JP).

(81) JP KR US.

(11) **WO 98/20478** (13) A1

(21) PCT/US97/15529

(22) **3 Sep/sep 1997 (03.09.1997)**

(25) en (26) en

(31) 08/744,099 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/20

(54) BANDWIDTH AND FRAME BUFFER SIZE REDUCTION IN A DIGITAL PULSE-WIDTH-MODULATED DISPLAY SYSTEM
REDUCTION DE LA TAILLE D'UN TAMPON DE TRAME ET DE LA LARGEUR DE BANDE DANS UN SYSTEME D'AFFICHAGE A MODULATION D'IMPULSIONS EN LARGEUR

(71) **SILICON LIGHT MACHINES** [US/US]; Suite 115, 385 Moffett Park Drive, Sunnyvale, CA 94089-1208 (US).

(72) **ARAS, Richard, John, Edward**; Jose Domingo Cañas 1747, Nuñoa, Santiago (CL). **ALIOSHIN, Paul, A.**; 412 Jersey Street, San Francisco, CA 94114 (US).

(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Associates, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

(81) AL AM AU BB BG BR CA CN CZ EE FI GE HU IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20479** (13) A1

(21) PCT/US97/19766

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,922 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(31) 08/922,842 (32) **26 Aug/Août 1997 (26.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/22

(54) A DISPLAY
DISPOSITIF D'AFFICHAGE

(71) **SI DIAMOND TECHNOLOGY, INC.** [US/US]; 12100-A Technology Boulevard, Austin, TX 78727 (US).

(72) **BOJKOV, Christo, P.**; 2373 N.W. 185th Avenue #401, Hillsboro, OR 97124 (US). **FINK, Richard, Lee**; 11406 Bunting Drive, Austin, TX 78759 (US). **KUMAR, Nalin**; 11812 Buckingham Road, Austin, TX 78759 (US). **TIKHONSKI, Alexei**; 12702 Pond Wood Road #1616, Austin, TX 78729 (US). **YANIV, Zvi**; 2270 E. Hammond, Bloomfield Hills, MI 48302 (US).

(74) **KORDZIK, Kelly, K.** et al. / etc.; Winstead Sechrest & Minick P.C., Suite 5400, 1201 Elm Street, Dallas, TX 75270-2199 (US).

(81) CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20480** (13) A1

(21) PCT/US97/20306

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/744,516 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G09G 3/28

(54) ELECTRONIC DISPLAY WITH CURVED FACE
UNITE D'AFFICHAGE ELECTRONIQUE AVEC FACE INCURVEE

(71) **ACRES GAMING, INC.** [US/US]; 815 N.W. 9th Street, Corvallis, OR 97330 (US).

(71, 72) **ACRES, John, F.** [US/US]; 3324 Elmwood Drive, Corvallis, OR 97330 (US). **QUIAN, Bryan** [CN/US]; 2619 Acey, Corvallis, OR 97330 (US).

(74) **McCOLLUM, Alan, T.**; Marger, Johnson, McCollum & Stolowitz, P.C., 1030 S.W. Morrison Street, Portland, OR 97205-2626 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20481** (13) A1

(21) PCT/US97/20010

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,955 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G10L 3/02, 9/00

(54) SYSTEM FOR FOURIER TRANSFORM-BASED MODIFICATION OF AUDIO
SYSTEME DE MODIFICATION DE SIGNAUX AUDIO PAR UTILISATION DE TRANSFORMEES DE FOURIER

(63) US 08/745,955 (CON)
7 Nov/nov 1996 (07.11.1996)

(71) **CREATIVE TECHNOLOGY LTD.** [SG/SG]; 31 International Business Park, Creative Resource, Singapore 609921 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOLSON, Mark** [US/US]; 235 El Solvo Avenue, Ben Lomond, CA 95005 (US).

(74) **LANG, Dan, H.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20482** (13) A1

(21) PCT/US97/20310

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,929 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G10L 3/02, 9/00, 5/02

(54) TIME-DOMAIN TIME/PITCH SCALING OF SPEECH OR AUDIO SIGNALS, WITH TRANSIENT HANDLING
MODIFICATION DE L'ECHELLE DE TEMPS OU DU PAS DE SIGNAUX VOCAUX OU AUDIO DANS LA DIMENSION TEMPORELLE, AVEC GESTION DES TRANSITOIRES

(71) **CREATIVE TECHNOLOGY LTD.** [SG/SG]; 31 International Business Park, Creative Resource, Singapore 609921 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAROCHE, Jean** [FR/US]; 407 Lock Drive, Aptos, CA 95003 (US).

(74) **LANG, Dan, H.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20483** (13) A1

(21) PCT/JP97/04033

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/294738 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(31) 8/310324 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 9/34582 (32) **19 Feb/fév 1997 (19.02.1997)** (33) JP

(31) 9/34583 (32) **19 Feb/fév 1997 (19.02.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G10L 9/14, 9/18

(54) SOUND SOURCE VECTOR GENERATOR, VOICE ENCODER, AND VOICE DECODER
GENERATEUR DE VECTEUR DE SOURCE SONORE, CODEUR ET DECODEUR VOCAL

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUNAGA, Kazutoshi** [JP/JP]; 3-33-17, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa 216 (JP). **MORII, Toshiyuki** [JP/JP]; 2-3-7-501, Nijigaoka, Asao-ku, Kawasaki-shi, Kanagawa 215 (JP). **WATANABE, Taisuke** [JP/JP]; 2-13, Sakae-chou, Sagami-hara-shi, Kanagawa 228 (JP). **EHARA, Hiroyuki** [JP/JP]; 170-1-A405, Kamihoshikawa-chou, Hodogaya-ku, Yokohama-shi, Kanagawa 240 (JP).

(74) **WASHIDA, Kimihito**; 5th floor, Shinotoshcenter Building, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20484** (13) A2

(21) PCT/US97/19744

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/746,096 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11B

(54) MINIATURE MAGNETIC DISK CARTRIDGE AND DRIVE MECHANISM
CARTOUCHE DE DISQUE MAGNETIQUE MINIATURE ET MECANISME D'ENTRAINEMENT

(71) **IOMEGA CORPORATION** [US/US]; 1821 West 4000 South, Roy, UT 84067 (US).

(72) **BRACKEN, Allen, T.**; 1490 E. Kayscreek Drive, Layton, UT 84040 (US). **MAYNE, Doug**; 425 Park Boulevard #2092, Ogden, UT 84401 (US). **MUSE, Jay**; 1200 S. 1500 E., Clearfield, UT 84015 (US). **SCHICK, Brian**; P.O. Box 771, Eden, UT 84310 (US). **THOMAS, Fred, III**; 2491 Woodland Drive, Ogden, UT 84403 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20485** (13) A1

(21) PCT/US97/20311

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/746,065 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11B 5/48, 5/55

(54) HEAD SUSPENSION WITH SELF-SHIELDING "TWISTED" INTEGRATED CONDUCTOR TRACE ARRAY
SUSPENSION DE TETE AVEC RESEAU DE TRACES CONDUCTEURS INTEGRES A FILS TORSADES ET A AUTO-BLINDAGE

(71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

(72) **CARPENTER, Christopher, M.**; 549 S. Frances Street, Sunnyvale, CA 94086 (US). **AKIN, William, R., Jr.**; 1045 Brookview Court, Morgan Hill, CA 95037 (US). **WILLIAMS, Stephen, P.**; 15035 Sycamore Drive, Morgan Hill, CA 95037 (US). **BALAKRISHNAN, Arun**; 4683 Rousillon Avenue, Fremont, CA 94555 (US).

(74) **CHUN, Debra, A.** et al. / etc.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

(81) AU CA CN JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20486** (13) A1

(21) PCT/US97/07892

(22) **12 May/mai 1997 (12.05.1997)**

(25) en (26) en

(31) 60/030,406 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11B 5/55, 5/596, 21/08, 21/10

(54) ACTUATOR ARM INTEGRATED PIEZOELECTRIC MICROACTUATOR
BRAS DE COMMANDE A MICROCOMMANDE PIEZOELECTRIQUE INTEGREE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOHAJERANI, Khosrow** [US/US]; 3911 Calle Loma Vista, Newbury Park, CA 91320 (US). **SAMPIETRO, Joseph, M.** [US/US]; 5808 Beckford Avenue, Tarzana, CA 91356 (US). **FARD, Anoush, M.** [US/US]; 5537 Old Salt Lane, Agoura Hills, CA 91301 (US). **BARINA, Jeffrey, G.** [US/US]; 6433 Cumbre Road, Somis, CA 93066 (US). **HAWWA, Muhammad, A.** [SY/US]; P.O. Box 1824, Simi Valley, CA 93062 (US). **VOLZ, LeRoy, A.** [US/US]; 11922 Doral Avenue, Northridge, CA 91326 (US). **LE, Tien, Q.** [US/US]; 1675 W. Chapel Drive #17, Camarillo, CA 93010 (US). **VIGIL, Daniel, R.** [US/US]; P.O. Box 73, Agoura Hills, CA 91376 (US).

(74) **ANGUS, Robert, M.**; Kinney & Lange P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(81) DE GB JP KR SG US.

(11) **WO 98/20487** (13) A1

(21) PCT/US97/07710

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(31) 60/030,276 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11B 5/56, 21/24, 5/39

(54) GIMBAL MICROPOSITIONING DEVICE
DISPOSITIF DE MICROPOSITIONNEMENT A CARDAN

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95067-0360 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUTAGHOU, Zine-Eddine** [US/US]; 307 Lily Pond Lane, Saint-Paul, MN 55127 (US). **LIU, Joseph, Cheng-Tsu** [US/SI]; P.O. Box 67189, Scotts Valley, CA 95067 (US).

(74) **ANGUS, Robert, M.**; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(81) DE GB JP KR SG US.

(11) **WO 98/20488** (13) A2

(21) PCT/IB97/01303

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

- (31) 96203105.0 (32) **7 Nov/nov 1996** (33) EP
(07.11.1996)
- (34) NL et al. / etc.
- (31) 97201680.2 (32) **4 Jun/juin 1997** (33) EP
(04.06.1997)
- (34) NL et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 20/10, H03M 7/32
- (54) DATA PROCESSING OF A BITSTREAM SIGNAL
TRAITEMENT INFORMATIQUE D'UN SIGNAL
DE TRAIN BINAIRE
- (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **VAN DER VLEUTEN, Renatus, Josephus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BRUEKERS, Alphons, Antonius, Maria, Lambertus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **OOMEN, Arnoldus, Werner, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VAN DER KRUK, Willem, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) BR CN ID IL JP KR MX SG VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20489** (13) A1
- (21) PCT/JP97/04010
- (22) **4 Nov/nov 1997** (04.11.1997)
- (25) ja (26) ja
- (31) 8/293004 (32) **5 Nov/nov 1996** (33) JP
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 21/02
- (54) COMPONENT OF ACTUATOR FOR MAGNETIC DISK APPARATUS
COMPOSANT BRAS POUR DISPOSITIF A DISQUES MAGNETIQUES
- (71, 72) **HIROKAWA, Mamoru** [JP/JP]; 3488-15, Ooaza Higashiobokata, Azuma-mura, Sawagun, Gunma 379-22 (JP). **KOBAYASHI, Nobuyuki** [JP/JP]; 1508-50, Kou, Komoro-shi, Nagano 384 (JP). **SUZUKI, Hideji** [JP/JP]; 449-2, Ooaza Kashiwazaki, Higashimatsuyama-shi, Saitama 355 (JP).
- (74) **KOBAYASHI, Masaharu**; Daiichi Azuma Building, 4-5, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101 (JP).
- (81) CN KR SG US VN.
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- (11) **WO 98/20490** (13) A1
- (21) PCT/US97/19753
- (22) **30 Oct/oct 1997** (30.10.1997)
- (25) en (26) en
- (31) 08/746,084 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 23/03
- (54) CADDY FOR CARTRIDGE AND DISK DRIVE ACCOMMODATING CADDY
- PLATEAU DE CHARGEMENT POUR CARTOUCHE DE DISQUE ET UNITE DE DISQUES INCORPORANT UN TEL PLATEAU DE CHARGEMENT
- (71) **IOMEGA CORPORATION** [US/US]; 1821 West 4000 South, Roy, UT 84067 (US).
- (72) **FOSTER, David**; 4988 Kiawana Drive, Ogden, UT 84403 (US). **KRIEGER, George, T.**; 25791 Tierra Grande Drive, Carmel, CA 93923 (US). **NOWELL, Shane**; 3765 Harrison Boulevard #A4, Ogden, UT 84403 (US). **THOMAS, Fred, III**; 2491 Woodland Drive, Ogden, UT 84403 (US). **WATSON, Brent, J.**; 1263 E. Beverly Way, Bountiful, UT 84010 (US).
- (74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).
- (81) CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20491** (13) A1
- (21) PCT/US97/03827
- (22) **12 Mar/mar 1997** (12.03.1997)
- (25) en (26) en
- (31) 08/744,627 (32) **6 Nov/nov 1996** (33) US
(06.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 23/087
- (54) BELT-DRIVEN DATA CARTRIDGE WITH REDUCED TAPE PACK DEFORMATION
CHARGEUR DE DONNEES ENTRAINE PAR COURROIE AVEC DEFORMATION DE BOBINE DE BANDE REDUITE
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **SMITH, David, P.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **SANO, Koichi**; 8-8, Minami-Hashimoto 3-chome, Sagamihara-shi, Kanagawa 229 (JP).
- (74) **DENNIS, Charles, L., II**; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/20492** (13) A1
- (21) PCT/US97/20182
- (22) **3 Nov/nov 1997** (03.11.1997)
- (25) en (26) en
- (31) 08/740,340 (32) **7 Nov/nov 1996** (33) US
(07.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 23/28, 20/00, 7/007
- (54) METHOD AND ARRANGEMENT FOR PREVENTING UNAUTHORIZED DUPLICATION OF OPTICAL DISCS USING BARRIERS
PROCEDE ET DISPOSITIF VISANT A EMPECHER, A L'AIDE DE BARRIERES, UNE DUPLICATION NON AUTORISEE DE DISQUES OPTIQUES
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **ARPS, Mark, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **BLIXT, Jon, J.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (74) **LEVINSON, Eric, D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (81) CN DE JP.
- Published / Publiée : (c)
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- (11) **WO 98/20493** (13) A1
- (21) PCT/EP97/06108
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) de (26) de
- (31) 296 19 143.4 (32) **5 Nov/nov 1996** (33) DE
(05.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11B 23/40
- (54) LABEL SHEET
FEUILLE D'ETIQUETTES
- (71, 72) **CLAUSSNITZER, Werner** [DE/DE]; Boedinghausstrasse 2, D-42329 Wuppertal (DE).
- (74) **MÜLLER, Enno** et al. / etc.; Corneliusstrasse 45, D-42329 Wuppertal (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/20494** (13) A2
- (21) PCT/US97/19386
- (22) **21 Oct/oct 1997** (21.10.1997)
- (25) en (26) en
- (31) 08/735,660 (32) **24 Oct/oct 1996** (33) US
(24.10.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11C
- (54) MEMORY CIRCUIT AND METHOD OF OPERATION THEREFOR
CIRCUIT MEMOIRE ET SON PROCEDE DE FONCTIONNEMENT
- (71, 72) **YIN, Ronald, L.** [US/US]; 547 Sullivan Drive, Mountain View, CA 94041 (US).
- (81) IL JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20495** (13) A1
- (21) PCT/US97/19967
- (22) **31 Oct/oct 1997** (31.10.1997)
- (25) en (26) en
- (31) 08/743,476 (32) **4 Nov/nov 1996** (33) US
(04.11.1996)
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ G11C 8/00, 11/408, 29/00

(54) STAGGERED ROW LINE FIRING IN A SINGLE RAS CYCLE
ACTIVATION DECALEE DE LIGNES DE MOTS DE RANGEES EN UN SEUL CYCLE D'IMPULSION DE SELECTION DE LIGNE

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83707 (US).

(72) RUPP, James, P.; 10702 Mohawk Drive, Boise, ID 83709 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) WO 98/20496 (13) A1

(21) PCT/US97/20373

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 60/030,236 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(31) 08/965,333 (32) 7 Nov/nov 1997 (07.11.1997) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11C 11/00, 11/15

(54) SPIN DEPENDENT TUNNELING MEMORY MEMOIRE A EFFET TUNNEL DEPENDANT DU SPIN MAGNETIQUE

(71) NONVOLATILE ELECTRONICS, INCORPORATED [US/US]; 11409 Valley View Road, Eden Prairie, MN 55344 (US).

(72) DAUGHTON, James, M.; 5805 Amy Drive, Edina, MN 55436 (US). EVERITT, Brenda, A.; 5213 Washburn Avenue South, Minneapolis, MN 55344 (US). POHM, Arthur, V.; 1704 Woodhaven Circle, Ames, IA 50010 (US).

(74) NEILS, Theodore, F.; Kinney & Lange, P.A., Suite 1500, 625 4th Avenue South, Minneapolis, MN 55415-1659 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20497 (13) A1

(21) PCT/GB97/03007

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 9623215.2 (32) 7 Nov/nov 1996 (07.11.1996) (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11C 29/00, G01R 31/319

(54) MEMORY TEST SYSTEM WITH DEFECT COMPRESSION SYSTEME DE TEST DE MEMOIRE AVEC COMPRESSION DES ELEMENTS MEMOIRE DEFECTUEUX

(71) PROCESS INSIGHT LIMITED [GB/GB]; 68-70 George Street, Edinburgh EH2 2NB (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEAS, Alexander, Roger [GB/GB]; 8 Eskview Grove, Dalkeith, Edinburgh EH22 1JW (GB).

(74) McCALLUM, William, Potter et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20498 (13) A1

(21) PCT/JP97/03928

(22) 29 Oct/oct 1997 (29.10.1997)

(25) ja (26) ja

(31) 8/291400 (32) 1 Nov/nov 1996 (01.11.1996) (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G11C 29/00

(54) DEFECT ANALYSIS MEMORY FOR MEMORY TESTER MEMOIRE D'ANALYSE DE DEFAUTS POUR TESTEUR DE MEMOIRE

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TABATA, Makoto [JP/JP]; 1-36, Nagata-cho, Chichibu-shi, Saitama 368 (JP). SATO, Shinya [JP/JP]; 4-21-3-201, Jonan, Gyoda-shi, Saitama 361 (JP).

(74) KUSANO, Takashi et al. / etc.; Sagami Building, 2-21, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160 (JP).

(81) DE KR US.

(11) WO 98/20499 (13) A1

(21) PCT/US97/19307

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 60/030,009 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G21G 4/00

(54) SPHERICAL INERTIAL ELECTROSTATIC CONFINEMENT DEVICE AS A TUNABLE X-RAY SOURCE DISPOSITIF SPHERIQUE DE CONFINEMENT ELECTROSTATIQUE INERTIEL UTILISE COMME SOURCE SYNTONISABLE DE RAYONS X

(71, 72) MILEY, George, H. [US/US]; 912 West Armony Drive, Champaign, IL 61821 (US). GU, Yibin [CN/US]; 2503 West Springfield, Champaign, IL 61821 (US).

(74) KASPER, Alan, J. et al. / etc.; Sughrue, Mion, Zinn, MacPeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20031-3202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20500 (13) A1

(21) PCT/CA97/00726

(22) 1 Oct/oct 1997 (01.10.1997)

(25) en (26) en

(31) 08/742,382 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ G21K 5/04

(54) SIMULTANEOUS DOUBLE SIDED IRRADIATION IRRADIATION SIMULTANEE PAR DEUX COTES

(71) ATOMIC ENERGY OF CANADA LIMITED [CA/CA]; Sheridan Park, 2251 Speakman Drive, Mississauga, Ontario L5K 1B2 (CA).

(72) MCKEOWN, Joseph; 14 Catherwood Court, Kanata, Ontario K2K 2K1 (CA). CLELAND, Marshall, R.; 20 Little Lane, Hauppauge, NY 11788 (US). DREWELL, Norbert, H.; 115 Hansen Avenue, Kanata, Ontario K2K 2M2 (CA). LAWRENCE, Courtlandt, B.; 26 Waterton Crescent, Kanata, Ontario K2M 1Y7 (CA). DAVIES, Walter, Garfield; 102 Frontenac Crescent, Deep River, Ontario K0J 1P0 (CA).

(74) AITKEN, David, W.; Osler, Hoskin & Harcourt, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20501 (13) A1

(21) PCT/US97/19686

(22) 29 Oct/oct 1997 (29.10.1997)

(25) en (26) en

(31) 08/742,614 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 1/08, C01G 19/02, C09C 1/00

(54) PROCESSES TO PREPARE ANTIMONY DOPED TIN OXIDE ELECTROCONDUCTIVE POWDERS PROCEDES DE PREPARATION DE POUDES ELECTROCONDUCTRICES D'OXYDE D'ANTIMOINE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) SWANSON, Donald, Keith; 109 Hayman Place, Wilmington, DE 19803 (US).

(74) **MAYER, Nancy, S.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20502** (13) A1

(21) PCT/US97/19696

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/709,561 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 1/08, C01G 19/02

(54) ANTIMONY DOPED TIN OXIDE ELECTROCONDUCTIVE POWDER
POUDRE ELECTROCONDUCTRICE D'OXYDE D'ETAIN DOPE A L'ANTIMOINE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **SWANSON, Donald, Keith**; 109 Hayman Place, Wilmington, DE 19803 (US).

(74) **MAYER, Nancy, S.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20503** (13) A1

(21) PCT/IL97/00342

(22) **26 Oct/oct 1997 (26.10.1997)**

(25) en (26) en

(31) 60/030,621 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 1/24, C04B 35/52

(54) ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHODS FOR PRODUCING SAME
COMPOSITIONS ELECTRO-CONDUCTRICES ET PROCEDE DE PRODUCTION DE CES COMPOSITIONS

(71) **CARMEL OLEFINS LTD.** [IL/IL]; P.O. Box 1468, 31014 Haifa (IL).

(72) **NARKIS, Moshe**; Lavon Street 3, 34951 Haifa (IL). **TCHOUDAKOV, Rosa**; Aba Hillel Silver Street 29/14, 32693 Haifa (IL). **SIEGMANN, Arnon**; Amnon veTamar Street 6, 32545 Haifa (IL). **VAXMAN, Anita**; Handke Street 64, 34608 Haifa (IL).

(74) **A. TALLY EITAN-ZEEV PEARL, D. LATZER & CO.**; Lumir House, Maskit Street 22, 46733 Herzelia (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20504** (13) A1

(21) PCT/SE97/01730

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 9604060-5 (32) **6 Nov/nov 1996 (06.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 3/08, 3/10, 17/50, 19/04

(54) ELECTRIC INSULATOR AND METHOD FOR THE PRODUCTION OF SUCH INSULATOR
ISOLANT ELECTRIQUE ET PROCEDE DE PRODUCTION DE CE DERNIER

(71) **IFÖ CERAMICS AKTIEBOLAG** [SE/SE]; P.O. Box 118, S-295 22 Bromölla (SE).
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(72, 75) **JOHANSSON, Thomas** [SE/SE]; Lars Pähls väg 28, S-263 52 Höganäs (SE). **NORD, Sven** [SE/SE]; Villagatan 18, S-295 31 Bromölla (SE). **HÅKANSSON, Arne** [SE/SE]; Per Albins gata 1, S-295 32 Bromölla (SE).

(74) **HYNELL, Magnus**; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20505** (13) A1

(21) PCT/CA97/00820

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 2,189,513 (32) **4 Nov/nov 1996 (04.11.1996)** (33) CA

(31) 08/824,973 (32) **27 Mar/mar 1997 (27.03.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 5/00

(54) ELECTROBRAID FENCE
CLOTURE DE CORDE TRESSEE ELECTRIQUE

(71, 72) **WHITE, Eric** [CA/CA]; 5124 Highway 14, Upper Nine Mile River, Hants County, Nova Scotia B0N 1M0 (CA).

(74) **SIM & McBURNEY**; 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20506** (13) A1

(21) PCT/US97/19356

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/747,005 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01B 7/00

(54) SMOOTH SURFACED FIBER OPTIC LOGGING CABLE FOR WELL BORES
CABLE A FIBRE OPTIQUE AVEC SURFACE LISSE POUR DIAGRAPHIES DANS LES PUITTS DE FORAGE

(71, 72) **PRUETT, Phillip, E.** [US/US]; 12417 Highway 178, Bakersfield, CA 93306 (US).

(72) **FINDLAY, Mitchell**; 11526 E. Banyon Rim Drive, Whittier, CA 90601 (US).

(74) **ERICKSON, Don, E.**; Law Offices, 3830 Valley Center Drive No. 705-182, San Diego, CA 92130-2331 (US).

(81) CA CN MX.

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(11) **WO 98/20507** (13) A1

(21) PCT/JP97/04012

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/294049 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01F 1/06, 1/08

(54) POWDER FOR PERMANENT MAGNET, METHOD FOR ITS PRODUCTION AND ANISOTROPIC PERMANENT MAGNET MADE USING SAID POWDER
POUDRE POUR AIMANT PERMANENT, PROCEDE DE PRODUCTION ASSOCIE ET AIMANT PERMANENT ANISOTROPE FABRIQUE AVEC LADITE POUDRE

(71) **SANTOKU METAL INDUSTRY CO., LTD.** [JP/JP]; 14-34, Hukaekitamachi 4-chome, Higashinada-ku, Kobe-shi, Hyogo 658 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURAKAMI, Ryo** [JP/JP]; Futaba Heights 205, 4-28, Taidera 4-chome, Akashi-shi, Hyogo 673 (JP).

(74) **SUMIDA, Yoshihiro** et al. / etc.; Boeki Building, 3rd floor, 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 650 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20508** (13) A1

(21) PCT/EP97/05496

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) de (26) de

(31) 196 45 822.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01H 1/58

(54) SWITCH SYSTEM OPERATING BY THE MID TECHNIQUE
SYSTEME DE COMMUTATEUR SELON LA TECHNIQUE MID

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÖTZ, Jacob** [DE/DE]; Neckarstrasse 8, D-74379 Ingersheim (DE). **WEBER, Adam** [DE/DE]; Frimleystrasse 12, D-74321 Bietigheim-Bissingen (DE).

(74) **PORTWICH, P.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).

(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20509** (13) A1

(21) PCT/CA97/00814

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/742,927 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01H 35/14

(54) INERTIAL SWITCH
INTERRUPTEUR A INERTIE

(71, 72) **ZAKUTIN, David** [CA/CA]; Suite 12-103, 170 University Avenue West, Waterloo, Ontario N2L 3E9 (CA).

(74) **RUSTON, David, A.** et al. / etc.; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20510** (13) A1

(21) PCT/US97/19393

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,163 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01H 85/36, 85/048

(54) SURFACE MOUNT FUSING DEVICE
DISPOSITIF FUSIBLE POUR MONTAGE EN SURFACE

(71) **BOURNS, INC.** [US/US]; 1200 Columbia Avenue, Riverside, CA 92507 (US).

(72) **KELLY, Kevin**; 3 Cherington, Ballintemple, Cork (IE). **HERBERT, Chris**; Rosebank, Douglas Road, Cork (IE).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres, LLP, Suite 700, 4199 Campus Drive, Irvine, CA 92612 (US).

(81) AU BG BR CA CN CZ HU IL JP KR NO NZ PL RO RU SG SK TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20511** (13) A1

(21) PCT/US97/19630

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/742,994 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 3/26

(54) METHOD FOR EXPLICIT DATA RATE CONTROL IN A PACKET COMMUNICATION ENVIRONMENT WITHOUT DATA RATE SUPERVISION
PROCEDE DE REGULATION EXPLICITE DE DEBIT DANS UN ENVIRONNEMENT DE COMMUNICATION PAR PAQUETS SANS SURVEILLANCE DU DEBIT

(71) **PACKETEER, INC.** [US/US]; Suite 305, 307 Orchard City Drive, Campbell, CA 95008 (US).

(72) **PACKER, Robert, L.**; 16095 Redwood Lodge Road, Los Gatos, CA 95036 (US).

(74) **ALLEN, Kenneth, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AU CN IL JP KR NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20512** (13) A1

(21) PCT/JP97/04041

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/294974 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(31) 8/314690 (32) **26 Nov/nov 1996 (26.11.1996)** (33) JP

(31) 9/79417 (32) **31 Mar/mar 1997 (31.03.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 9/02, 9/227

(54) METHOD FOR MANUFACTURING BACK PLATE OF PLASMA DISPLAY PANEL
PROCEDE DE FABRICATION DE PLAQUE DE FOND POUR TELEVISION A ECRAN PLAT A PLASMA

(71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
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(72, 75) **SATO, Kazuya** [JP/JP]; Ikenokawa Apartment A112, 5-A102, Naka-narusawa-cho 1-chome, Hitachi-shi, Ibaraki 316 (JP). **TAI, Seiji** [JP/JP]; 21-26, Suwa-cho 5-chome, Hitachi-shi, Ibaraki 316 (JP). **TSUIKI, Hideyasu** [JP/JP]; 2525-350, Mawatari, Hitachinaka-shi, Ibaraki 312 (JP). **NOJIRI, Takeshi** [JP/JP]; Erudimu Hirasawa 203, 3656-1, Shimogou, Iwama-machi, Nishi-ibaraki-gun, Ibaraki 319-12 (JP). **TANAKA, Hiroyuki** [JP/JP]; Byupare Mito, 3-3-702, Joto 2-chome, Mito-shi, Ibaraki 310 (JP). **KIMURA, Naoki** [JP/JP]; Namekawa-ryo 304, 20-13, Higashi-namekawa-cho 1-chome, Hitachi-shi, Ibaraki 317 (JP). **MUKAI, Ikuo** [JP/JP]; Yamazaki-ryo 133, 2-9, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317 (JP). **SUDO, Tetsuya** [JP/JP]; 14-17-104, Higashi-kanesawa-cho 3-chome, Hitachi-shi, Ibaraki 316 (JP).

(74) **TSUKUNI, Hajime**; Svax TS Building, 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20513** (13) A1

(21) PCT/US97/19092

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,950 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 27/16

(54) CHARGED PARTICLE SOURCE
SOURCE DE PARTICULES CHARGEES

(71) **VEECO INSTRUMENTS, INC.** [US/US]; Terminal Drive, Plainview, NY 11803 (US).

(72) **DRUZ, Boris, L.**; 1721 E. 14th Street, Brooklyn, NY 11229 (US). **HAYES, Alan, V.**; 5 Oneonta Court, Centerport, NY 11721 (US). **KANAROV, Victor**; 1982 Henry Street, Belmore, NY 11710 (US). **DiSTEFANO, Salvatore, A.**; 1215 Wall Road, Bayshore, NY 11706 (US). **LAKIOS, Emmanuel, N.**; 21 Waters Edge Lane, Mt. Sinai, NY 11766 (US).

(74) **CALVARUSO, Joseph, A.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) CA HU JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20514** (13) A1

(21) PCT/JP97/03994

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/292578 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 29/07, 31/20

(54) COLOR CATHODE-RAY TUBE
TUBE CATHODIQUE COULEUR

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHODA, Akira** [JP/JP]; 5-14, Nishiimai, Sakaimachi, Sawa-gun, Gumma-ken 370-01 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US.

(11) **WO 98/20515** (13) A1

(21) PCT/IB97/01200

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 96203062.3 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 29/51

(54) COLOUR CATHODE RAY TUBE COMPRISING AN IN-LINE ELECTRON GUN
TUBE CATHODIQUE COULEUR MUNI D'UN
CANON ELECTRONIQUE EN LIGNE

(71) PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) HOOGHORDEL, Rijk; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN STRAATEN, Joop; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) WO 98/20516 (13) A1

(21) PCT/RU97/00345

(22) 3 Nov/nov 1997 (03.11.1997)

(25) ru (26) ru

(31) 96121185 (32) 1 Nov/nov 1996 (01.11.1996) (33) RU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 31/12, 21/10, 1/30

(54) FLAT DEVICE FOR DISPLAYING INFORMATION
DISPOSITIF D'AFFICHAGE PLAT

(71) R-AMTECH INTERNATIONAL, INC. [US/US]; Suite 210, 2101-112th Avenue, N.E., Bellevue, WA 98004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SULIMIN, Alexandr Dmitrievich [RU/RU]; Zelenograd, 902-346, Moscow, 103575 (RU). SHISHKO, Vladimir Alexandrovich [RU/RU]; Zelenograd, 1509-146, Moscow, 103683 (RU).

(74) BATOVSKAYA, Tamara Ignatievna; a/ya 78, Moscow, 123007 (RU).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20517 (13) A1

(21) PCT/SG97/00057

(22) 6 Nov/nov 1997 (06.11.1997)

(25) en (26) en

(31) 9611095-2 (32) 7 Nov/nov 1996 (07.11.1996) (33) SG

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 37/30, H01L 21/30

(54) MICROMACHINING USING HIGH ENERGY LIGHT IONS
MICRO-USINAGE AU MOYEN D'IONS LEGERES TRES ENERGETIQUES

(71) NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATT, Frank [GB/SG]; Industry and Technology Relations Office, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG). SPRINGHAM, Stuart, Victor [GB/SG]; Industry and Technology Relations Office, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG).

OSIPOWICZ, Thomas [DE/SG]; Industry and Technology Relations Office, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG). BREESE, Mark [GB/GB]; Industry and Technology Relations Office, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG).

(74) APPLIED RESEARCH CORPORATION; Kent Ridge, P.O. Box 1016, Singapore 911101 (SG).

(81) JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20518 (13) A1

(21) PCT/JP97/04047

(22) 6 Nov/nov 1997 (06.11.1997)

(25) ja (26) ja

(31) 8/294124 (32) 6 Nov/nov 1996 (06.11.1996) (33) JP

(31) 8/294131 (32) 6 Nov/nov 1996 (06.11.1996) (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 43/24, 37/244

(54) ELECTRON MULTIPLIER
MULTIPLICATEUR D'ELECTRONS

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Hiroyuki [JP/JP]; Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435 (JP). KUSUYAMA, Yutaka [JP/JP]; Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435 (JP). IGUCHI, Masahiko [JP/JP]; Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soei International Patent Firm, 6F, Kyobashi National Building, 13-10, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20519 (13) A1

(21) PCT/US97/19940

(22) 6 Nov/nov 1997 (06.11.1997)

(25) en (26) en

(31) 08/746,354 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01J 65/04

(54) ELECTRODELESS FLUORESCENT LAMP
LAMPE FLUORESCENTE SANS ELECTRODE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) SOULES, Thomas, Frederick; 324 Claymore Boulevard, Richmond Heights, OH 44143 (US). MICHAEL, Joseph, Darryl; 3649 Silsby Road, University Heights, OH 44118 (US). WHARMBY, David, Osborn; 55 Constable Road, Ben Rhydding Ilkley LS29 8RZ (GB).

(74) MITCHELL, James, W. et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) DE.

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(11) WO 98/20520 (13) A1

(21) PCT/NZ97/00151

(22) 31 Oct/oct 1997 (31.10.1997)

(25) en (26) en

(31) 299678 (32) 1 Nov/nov 1996 (01.11.1996) (33) NZ

(31) 299777 (32) 18 Nov/nov 1996 (18.11.1996) (33) NZ

(31) 314493 (32) 26 Mar/mar 1997 (26.03.1997) (33) NZ

(31) 314832 (32) 16 May/mai 1997 (16.05.1997) (33) NZ

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01K 9/06, 9/00, H01J 61/34, H05B 39/04, 41/392

(54) LIGHT PRODUCING DEVICE AND CONTROL THEREOF
DISPOSITIF GENERATEUR DE LUMIERE ET SA COMMANDE

(71, 72) WITEHIRA, Pita [NZ/NZ]; Devine Road, RD 4, Hamilton 2021 (NZ). BYDDER, Evan, Lloyd [NZ/NZ]; 7 Carlson Crescent, Hamilton 2001 (NZ).

(74) WELLS, Ceri, P.K. et al. / etc.; 29 Clarence Street, P.O. Box 759, Hamilton 2001 (NZ).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/DE96/02096

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(25) de (26) de

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/00, C23C 16/44

(54) DEVICE FOR PRODUCING OXIDIC THIN FILMS
SYSTEME DE FABRICATION DE COUCHES MINCES OXYDIQUES

(71) THEVA DÜNNSCHICHTTECHNIK GMBH [DE/DE]; Hohenbächerstrasse 55, D-85354 Freising (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINDER, Helmut [DE/DE]; Hohenbächerstrasse 55, D-85354 Freising (DE).

(74) LINDNER, Manfred, K.; Aubinger Strasse 81, D-81243 München (DE).

(81) DE JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20522 (13) A1

(21) PCT/EP97/05408

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) de (26) de

(31) 196 45 425.5 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/00(54) SUBSTRATE TREATMENT DEVICE
DISPOSITIF POUR TRAITER DES SUBSTRATS(71) **STEAG MICROTECH GMBH** [DE/DE]; Carl-Benz-Strasse 10, D-72124 Pliezhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **WEBER, Martin** [DE/DE]; Im Herrengarten 4, D-78073 Bad Dürrenheim (DE).

(81) CA CN CZ ID IL JP KR SG US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20523** (13) A2

(21) PCT/US97/19644

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/745,980 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/00, H05K 3/00(54) METHOD FOR SELECTIVELY PLATING AN ORGANIC SUBSTRATE
PROCEDE DE REVETEMENT SELECTIF D'UN SUBSTRAT ORGANIQUE(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).(72) **HASLOW, Randy, E.**; 3726 Chippewa River Drive, Eau Claire, WI 54703 (US). **HUTCHINS, Donald, G.**; 8336 Oriole Drive, Eau Claire, WI 54701 (US). **LEAF, Michael, R.**; W2516 Cedar Road, Eau Claire, WI 54701 (US).(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20524** (13) A1

(21) PCT/AU97/00753

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) PO 3471 (32) **6 Nov/nov 1996 (06.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/20, 21/84, 31/18, C03C 17/22, C30B 25/00, 28/02, 29/06, 33/02(54) FORMING A CRYSTALLINE SEMICONDUCTOR FILM ON A GLASS SUBSTRATE
FORMATION D'UN FILM CRISTALLIN SEMI-CONDUCTEUR SUR UN SUBSTRAT DE VERRE(71) **PACIFIC SOLAR PTY. LIMITED** [AU/AU]; 82-86 Bay Street, Botany, NSW 2019 (AU).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **GREEN, Martin, Andrew** [AU/AU]; 10 Blandford Avenue, Waverley, NSW 2024 (AU). **SHI, Zhengrong** [AU/AU]; 3A Cotentin Road, Belrose, NSW 2085 (AU). **BASORE, Paul, Alan** [AU/AU]; 127 Taren Road, Caringbah, NSW 2229 (AU). **Ji, JingJia** [AU/AU]; 2/130-132 Croydon Road, Croydon, NSW 2132 (AU).(74) **F.B. RICE & CO.**; P.O. Box 117, Balmain, NSW 2041 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20518

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/746,108 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/265, 29/04, 29/12, 31/36(54) SUPPRESSION OF TRANSIENT ENHANCED DIFFUSION IN ION IMPLANTED SILICON
SUPPRESSION DE LA DIFFUSION AUGMENTEE TRANSITOIRE DANS DU SILICIUM A IMPLANTATION D'IONS(71) **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78228-0510 (US).(72) **DEARNALEY, Geoffrey**; 19826 Wittenburg, San Antonio, TX 78256 (US).(74) **MORRIS, Paula, D.** et al. / etc.; Madan & Morris, PLLC, Suite 700, 2603 Augusta Drive, Houston, TX 77057-5638 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20526** (13) A1

(21) PCT/JP97/04028

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ja (26) ja

(31) 8/308742 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/302(54) DRY ETCHING GAS
GAZ D'ATTAQUE CHIMIQUE A SEC(71) **JAPAN as represented by MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY, DIRECTOR-GENERAL, AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100 (JP). **THE MECHANICAL SOCIAL SYSTEMS FOUNDATION** [US/US]; Mita Kokusai Building, 4-28, Mita 1-chome, Minato-ku, Tokyo 108 (US). **ELECTRONIC INDUSTRIES ASSOCIATION OF JAPAN** [JP/JP]; 2-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP). **ASAHI GLASS CO., LTD.** [JP/JP]; 1-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SEKIYA, Akira** [JP/JP]; National Institute of Materials and Chemical Research, 1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305 (JP). **TA-KAGAKI, Tetsuya** [JP/JP]; Electronic Industries Association of Japan, 2-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP). **MORIKAWA, Shinsuke** [JP/JP]; Asahi Glass Co., Ltd., Research Center, 1150, Hazawacho, Kanagawa-ku, Yokohama-shi, Kanagawa 221 (JP). **YAMASHITA, Shunichi** [JP/JP]; Kanto Denka Kogyo Co., Ltd., 2-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP). **TAKAICHI, Tsuyoshi** [JP/JP]; Showa Denko K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 108 (JP). **HIBINO, Yasuo** [JP/JP]; Central Glass Co., Ltd., Chemical Research Center, 2805, Imafuku-Nakadai, Kawagoe-shi, Saitama 350-11 (JP). **FURUTAKA, Yasuhisa** [JP/JP]; Dai-kin Industries Ltd., Chemical Division, 1-1, Nishi-hitotsuya, Settsu-shi, Osaka 566 (JP). **IWASAKI, Masami** [JP/JP]; Toagosei Co., Ltd., 14-1, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105 (JP). **OHTSUKA, Norifumi** [JP/JP]; Du Pont-Mitsui Fluorochemicals Co., Ltd., 5-18, Sarugakucho 1-chome, Chiyoda-ku, Tokyo 101 (JP).(74) **IKEURA, Toshiaki**; Room 113, Daiichi Nishiwaki Building, 58-10, Yoyogi 1-chome, Shibuya-ku, Tokyo 151 (JP).

(81) KR US; EP (DE GB).

(11) **WO 98/20527** (13) A1

(21) PCT/US97/18422

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/746,425 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40(54) MULTIPLE FREQUENCY PROCESSING TO IMPROVE ELECTRICAL RESISTIVITY OF BLIND MICRO-VIAS
TRAITEMENT MULTIFREQUENCE VISANT A AMELIORER LA RESISTIVITE ELECTRIQUE DES MICROTROUS BORGNES(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).(72) **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US).(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20528** (13) A1

(21) PCT/US97/18551

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/752,492 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, 23/14(54) METHOD FOR IMPROVING RELIABILITY OF THIN CIRCUIT SUBSTRATES BY INCREASING THE T_g OF THE SUBSTRATE

PROCEDE D'AMELIORATION DE LA FIABILITE DE SUPPORTS DE CIRCUITS MINCES EN AUGMENTANT LA T_g DU SUPPORT

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **FISCHER, Paul, J.**; 419 Southwood Court, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20529** (13) A1

(21) PCT/US97/18972

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,644 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) METHOD FOR MINIMIZING PINK RING IN BLIND LASER VIAS
PROCEDE DESTINE A REDUIRE AU MINIMUM UN ANNEAU ROSE DANS DES TROUS D'INTERCONNEXION BORGNES FORMES PAR LASER

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **GORRELL, Robin, E.**; 7163 Kern Drive, Eau Claire, WI 54701 (US). **HUTCHINS, Donald, G.**; 8336 Oriole Drive, Eau Claire, WI 54701 (US). **LEAF, Michael, R.**; W2516 Cedar Road, Eau Claire, WI 54701 (US). **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20530** (13) A1

(21) PCT/US97/18973

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/748,111 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) METHOD TO CORRECT ASTIGMATISM OF FOURTH YAG TO ENABLE FORMATION OF SUB 25 MICRON MICRO-VIAS USING MASKING TECHNIQUES
PROCEDE DESTINE A CORRIGER L'ASTIGMATISME D'UN QUATRIEME LASER YAG POUR PERMETTRE LA FORMATION DE

MICRO-TROUS DE 25 SOUS-MICRONS AU MOYEN DE TECHNIQUES DE MASQUAGE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20531** (13) A2

(21) PCT/US97/18974

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/747,095 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48

(54) METHOD FOR FORMING A THROUGH-VIA IN A LAMINATED SUBSTRATE
TECHNIQUE DE CONSTITUTION DE PASSAGE DE CONNEXION DANS UN SUBSTRAT LAMINE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20532** (13) A1

(21) PCT/US97/18991

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,400 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/34

(54) METHOD AND APPARATUS FOR COINING SOLDER BALLS ON AN ELECTRICAL CIRCUIT PACKAGE
PROCEDE ET APPAREIL DESTINES A APLATIR DES BOULES DE SOUDURE SUR UN BOITIER DE CIRCUIT ELECTRIQUE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **PETEFISH, William, George**; 3873 Gunnes Road, Eau Claire, WI 54701 (US). **PIPER, Boydd**; 2841 Kay Street, Eau Claire, WI 54701 (US). **WALKER, Thomas, E.**; 2314 Vine Street, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20533** (13) A2

(21) PCT/US97/19069

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,645 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48

(54) METHOD FOR USING PHOTOABSORPTIVE COATINGS TO ENHANCE BOTH BLIND AND THROUGH MICRO-VIA ENTRANCE QUALITY
PROCEDE DESTINE A UTILISER DES REVETEMENTS PHOTO-ABSORBANTS POUR AMELIORER LA QUALITE DES ENTrees DE MICRO-TROUS D'INTERCONNEXION BORGNES ET TRAVERSANTS

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20534** (13) A1

(21) PCT/US97/19083

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,668 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40, H01L 23/544, H05K 1/02

(54) METHOD FOR USING FIDUCIAL SCHEMES TO INCREASE NOMINAL REGISTRATION
PROCEDE DESTINE A UTILISER DES MOTIFS DE REFERENCE EN VUE D'ACCROITRE UN ALIGNEMENT NOMINAL

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **HUTCHINS, Donald, G.;** 8336 Oriole Drive, Eau Claire, WI 54701 (US). **NODDIN, David, B.;** 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20535** (13) A2

(21) PCT/US97/19101

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,241 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48

(54) MULTIPLE FREQUENCY PROCESSING TO MINIMIZE MANUFACTURING VARIABILITY OF HIGH ASPECT RATIO MICRO THROUGH-VIAS
TRAITEMENT PAR FREQUENCES MULTIPLES POUR MINIMISER LA VARIABILITE DE FABRICATION DES MICRO-TROUS D'INTERCONNEXION TRAVERSANTS A RAPPORT DIAMETRE/PROFONDEUR ELEVE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.;** 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20536** (13) A1

(21) PCT/US97/19102

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,667 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) METHOD FOR USING ULTRASONIC TREATMENT IN COMBINATION WITH UV-LASERS TO ENABLE PLATING OF HIGH ASPECT RATIO MICRO-VIAS
PROCEDE POUR UTILISER LE TRAITEMENT PAR ULTRASONS ASSOCIE AUX LASERS UV POUR METALLISER LES MICRO-TROUS D'INTERCONNEXION A RAPPORT DIAMETRE/PROFONDEUR ELEVE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **GORRELL, Robin, E.;** 7163 Kern Drive, Eau Claire, WI 54701 (US). **LEAF, Michael, R.;** W2516 Cedar Road, Eau Claire, WI 54701 (US). **NODDIN, David, B.;** 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20537** (13) A1

(21) PCT/US97/19147

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/748,105 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) METHOD OF SEQUENTIAL LASER PROCESSING TO EFFICIENTLY MANUFACTURE MODULES REQUIRING LARGE VOLUMETRIC DENSITY MATERIAL REMOVAL FOR MICRO-VIA FORMATION
PROCEDE DE TRAITEMENT LASER SEQUENTIEL POUR FABRIQUER AVEC EFFICIENCE DES MODULES NECESSITANT L'ELIMINATION D'UN MATERIAU DE DENSITE VOLUMETRIQUE ELEVEE AFIN DE FORMER DES MICRO-TROUS D'INTERCONNEXION

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.;** 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20538** (13) A1

(21) PCT/US97/19151

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/744,413 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) MULTIPLE PULSE SPACE PROCESSING TO ENHANCE VIA ENTRANCE FORMATION AT 355 NM
TRAITEMENT PAR ESPACEMENTS ENTRE IMPULSIONS MULTIPLES POUR AMELIORER LA FORMATION DES ENTREES DES TROUS D'INTERCONNEXION A 355 NM

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.;** 303 Garfield Avenue, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20539** (13) A1

(21) PCT/US97/19832

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/747,170 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, H05K 3/00, 3/40

(54) METHOD FOR PREPARING VIAS FOR SUBSEQUENT METALLIZATION
PROCEDE DE PREPARATION DE TROUS TRAVERSANTS EN VUE DE LEUR METALLISATION

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **HASLOW, Randy, E.;** 3726 Chippewa River Drive, Eau Claire, WI 54703 (US). **HUTCHINS, Donald, G.;** 8336 Oriole Drive, Eau Claire, WI 54701 (US). **LEAF, Michael, R.;** W2516 Cedar Road, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20540** (13) A1

(21) PCT/US97/19833

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/747,171 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/48, 23/538, 23/498

(54) METHOD AND APPARATUS FOR IMPROVING WIREABILITY IN CHIP MODULES
PROCEDE ET DISPOSITIF CONFERANT AUX MODULES DE MICROCIRCUITS UNE MEILLEURE APTITUDE AU CABLAGE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **PETFISH, William, George;** 3873 Gunnes Road, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20541** (13) A1

(21) PCT/JP97/03925

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) ja (26) ja

(31) 8/310060 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(31) 9/52373 (32) **20 Feb/fév 1997 (20.02.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/60

(54) METHOD FOR FORMING BUMP AND SEMICONDUCTOR DEVICE
PROCEDE DE FORMATION DE BOSSES ET DISPOSITIF A SEMI-CONDUCTEUR

(71) **NIIGATA SEIMITSU CO., LTD.** [JP/JP]; 5-13, Nishishiromachi 2-chome, Jouetsu-shi, Niigata 943 (JP).
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(72, 75) **OKAMOTO, Akira** [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362 (JP).

(74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, Wacore Shinjuku Daiichi-Building 803, 7-26, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (JP).

(81) AU CN JP KR RU US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20542** (13) A1

(21) PCT/JP97/04003

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/292050 (32) **1 Nov/nov 1996 (01.11.1996)** (33) JP

(31) 8/320116 (32) **29 Nov/nov 1996 (29.11.1996)** (33) JP

(31) 9/298938 (32) **30 Oct/oct 1997 (30.10.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/60

(54) ELECTRONIC PARTS DEVICE
DISPOSITIF A COMPOSANTS ELECTRONIQUES

(71) **HITACHI CHEMICAL COMPANY, LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-04 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKEMURA, Kenzo** [JP/JP]; 8237-1, Yuki, Yuki-shi, Ibaraki-ken 307 (JP). **WATANABE, Itsuo** [JP/JP]; 1194-6, Ipponmatsu, Shimodate-shi, Ibaraki-ken 308 (JP). **NAGAI, Akira** [JP/JP]; 3-4-1-B306, Matsushiro, Tsukuba-shi, Ibaraki-ken 305 (JP). **WATANABE, Osamu** [JP/JP]; A402 Hitachi Kasei Shihoryo, 1-15-18, Hanabatake, Tsukuba-shi, Ibaraki-ken 300-32 (JP). **KOJIMA, Kazuyoshi** [JP/JP]; B207 Hitachi Kasei Shihoryo, 1-15-18, Hanabatake, Tsukuba-shi, Ibaraki-ken 300-32 (JP). **NAKASO, Akishi** [JP/JP]; 29-29, Otome 1-chome, Oyama-shi, Tochigi-ken 329-02 (JP). **YAMAMOTO, Kazunori** [JP/JP];

1-3-14, Hanabatake, Tsukuba-shi, Ibaraki-ken 305 (JP). **TSURU, Yoshiyuki** [JP/JP]; 11-10, Saiwaicho 3-chome, Shimodate-shi, Ibaraki-ken 308 (JP). **INADA, Teiichi** [JP/JP]; 4-103 Kawashima-House, 248, Ozakata, Shimodate-shi, Ibaraki-ken 308 (JP). **SHIMADA, Yasushi** [JP/JP]; 664, Shimana, Tsukuba-shi, Ibaraki-ken 300-22 (JP).

(74) **TOMITA, Kazuko** et al. / etc.; 7F, Yokohama HS-Building, 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa-ken 220 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20543** (13) A2

(21) PCT/FR97/01969

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13449 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 21/762, B30B 1/00, H01L 21/304

(54) METHOD FOR MAKING A THIN FILM ON A SUPPORT AND RESULTING STRUCTURE
PROCEDE DE FABRICATION D'UN FILM MINCE SUR UN SUPPORT ET STRUCTURE AINSI OBTENUE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASPARG, Bernard** [FR/FR]; 110, lotissement Le Hameau des Ayes, F-38140 Rives (FR). **BRUEL, Michel** [FR/FR]; Presvert No. 9, F-38113 Veurey (FR). **BARGE, Thierry** [FR/FR]; 38, rue Félix Esclanlon, F-38000 Grenoble (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).

(81) JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20544** (13) A1

(21) PCT/US97/18640

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/744,843 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/10

(54) METHOD OF INCREASING PACKAGE RELIABILITY USING PACKAGE LIDS WITH PLANE CTE GRADIENTS
PROCEDE D'AUGMENTATION DE FIABILITE DE BOITIERES PAR UTILISATION DE COUVERCLES PLATS PRESENTANT DES GRADIENTS DE COEFFICIENT DE DILATATION THERMIQUE DANS LE PLAN

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20545** (13) A1

(21) PCT/US97/18804

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,593 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/13, 21/48

(54) METHOD FOR MANUFACTURING HIGH TOLERANCE CAVITIES IN CHIP PACKAGES
PROCEDE DE FABRICATION DE CAVITES DE GRANDE TOLERANCE DANS DES BOITIERES DE PUCES

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **PIPER, Boydd**; 2841 Kay Street, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20546** (13) A1

(21) PCT/US97/19024

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(25) en (26) en

(31) 08/745,971 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/13, 21/48

(54) HIGH TOLERANCE CAVITIES IN CHIP PACKAGES
CAVITES A HAUTE TOLERANCE DANS DES BOITIERES DE PUCES

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **PIPER, Boydd**; 2841 Kay Street, Eau Claire, WI 54701 (US).

(74) **CAMPBELL, John, S.**; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20547** (13) A1

(21) PCT/US97/19068

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,592 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/14, 23/498

(54) CONSTRAINING RING FOR USE IN ELECTRONIC PACKAGING
ANNEAU DE CONTRAINTE UTILISE DANS LA FABRICATION DE BOITIERES ELECTRONIQUES

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US). **PETEFISH, William, George**; 3873 Gunnes Road, Eau Claire, WI 54701 (US). **FISCHER, Paul, J.**; 419 Southwood Court, Eau Claire, WI 54701 (US). **BUDNAITIS, John, J.**; W6755 Town Hall Road, Eau Claire, WI 54701 (US). **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US). **HANSON, David, A.**; 6801 South Shore Drive, Altoona, WI 54720 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20548** (13) A1

(21) PCT/US97/19112

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/745,598 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/14

(54) PACKAGE FOR MOUNTING AN INTEGRATED CIRCUIT CHIP
BOITIER POUR MONTER UNE PUCE DE CIRCUIT INTEGRE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20549** (13) A1

(21) PCT/US97/19113

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/747,032 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/367, 23/14, 23/373, 23/498, 23/538

(54) USE OF VARIABLE PERFORATION DENSITY IN COPPER LAYER TO CONTROL CTE
UTILISATION D'UNE DENSITE DE PERFORATION VARIABLE DE LA COUCHE DE CUIVRE POUR COMMANDER LE COEFFICIENT DE DILATATION THERMIQUE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **HANSON, David, A.**; 6801 South Shore Drive, Altoona, WI 54720 (US). **NODDIN, David, B.**; 303 Garfield Avenue, Eau Claire, WI 54701 (US). **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20550** (13) A1

(21) PCT/US97/19097

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/745,970 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/373, 21/50

(54) METHOD FOR CONTROLLING WARP OF ELECTRONIC ASSEMBLIES BY USE OF PACKAGE STIFFENER
PROCEDE DESTINE A LIMITER LE GAUCHISEMENT D'ENSEMBLES ELECTRONIQUES A L'AIDE DE RAIDISSEURS D'EMBALLAGES

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20551** (13) A1

(21) PCT/US97/19100

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/752,494 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/373, 21/50, 23/42

(54) METHOD FOR MINIMIZING WARP AND DIE STRESS IN THE PRODUCTION OF AN ELECTRONIC ASSEMBLY
PROCEDE POUR MINIMISER LE GAUCHISEMENT ET LA CONTRAINTE IMPOSEE AU DE DANS LA PRODUCTION D'UN ENSEMBLE ELECTRONIQUE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **FISCHER, Paul, J.**; 419 Southwood Court, Eau Claire, WI 54701 (US). **PETEFISH, William, George**; 3873 Gunnes Road, Eau Claire, WI 54701 (US). **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20552** (13) A1

(21) PCT/US97/20028

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/744,520 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01L 23/48, 23/495

(54) IMPROVED LEADFRAME STRUCTURE AND PROCESS FOR PACKAGING INTEGRATED CIRCUITS
STRUCTURE AMELIOREE DE RESEAU DE CONDUCTEURS ET PROCEDE D'ENCAPSULATION DE CIRCUITS INTEGRES

(71) **GCB TECHNOLOGIES, LLC** [US/US]; P.O. Box 2580, Saratoga, CA 95070 (US).

(72) **BUCCI, Giuseppe, D.**; 18310 Bicknell Road, Monte Sereno, CA 95030 (US). **VOISIN, Paul, H.**; 1501 Brandywine Road, San Mateo, CA 94402 (US).

(74) **BOHLER, William, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) CN ID JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20553** (13) A1

(21) PCT/IB97/01194

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 96203079.7 (32) **5 Nov/nov 1996 (05.11.1996)** (33) EP

- (34) NL et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/49, 23/66, 29/40, 29/73
- (54) SEMICONDUCTOR DEVICE WITH A HIGH-FREQUENCY BIPOLAR TRANSISTOR ON AN INSULATING SUBSTRATE
DISPOSITIF A SEMI-CONDUCTEUR MUNI D'UN TRANSISTOR BIPOLAIRE A HAUTE FREQUENCE PLACE SUR UN SUBSTRAT ISOLANT
- (71) PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) PHILIPS NORDEN AB [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) AKHNOUKH, Atef; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MOORS, Petrus, Martinus, Albertus, Willemus; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VEERMAN, Jan, W.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) WO 98/20554 (13) A1
- (21) PCT/US96/17685
- (22) 6 Nov/nov 1996 (06.11.1996)
- (25) en (26) en
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/495, 21/00
- (54) APPARATUS FOR APPLYING ADHESIVE TAPE FOR SEMICONDUCTOR PACKAGES
APPAREIL PERMETTANT D'APPLIQUER UNE BANDE ADHESIVE SUR DES BOITIERIS DE SEMI-CONDUCTEURS
- (71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, P.O. Box 6, Boise, ID 83707 (US).
- (72) VANNORTWICK, John; 186 South Ash Avenue, Kuna, ID 83634 (US). CLIFFORD, Scott; Suit 830, 3945 Freedom Circle, Santa Clara, CA 95054 (US).
- (74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; EP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) WO 98/20555 (13) A1
- (21) PCT/US97/18638
- (22) 17 Oct/oct 1997 (17.10.1997)
- (25) en (26) en
- (31) 08/745,972 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/498
- (54) METHOD FOR MINIMIZING WARP IN THE PRODUCTION OF ELECTRONIC ASSEMBLIES
PROCEDE DE REDUCTION DE GAUCHISEMENT LORS DE LA PRODUCTION D'ENSEMBLES ELECTRONIQUES
- (71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) SYLVESTER, Mark, F.; 3320 Riverview Drive, Eau Claire, WI 54703 (US).
- (74) CAMPBELL, John, S. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 98/20556 (13) A1
- (21) PCT/US97/18639
- (22) 17 Oct/oct 1997 (17.10.1997)
- (25) en (26) en
- (31) 08/745,597 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/498, 23/538
- (54) METHOD OF INCREASING PACKAGE RELIABILITY BY DESIGNING IN PLANE CTE GRADIENTS
PROCEDE D'AUGMENTATION DE LA FIABILITE DE BOITIERIS PAR MISE AU POINT DE GRADIENTS DE COEFFICIENT DE DILATATION THERMIQUE DANS LE PLAN
- (71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) SYLVESTER, Mark, F.; 3320 Riverview Drive, Eau Claire, WI 54703 (US). NODDIN, David, B.; 303 Garfield Avenue, Eau Claire, WI 54701 (US).
- (74) CAMPBELL, John, S. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 98/20557 (13) A1
- (21) PCT/US97/18969
- (22) 22 Oct/oct 1997 (22.10.1997)
- (25) en (26) en
- (31) 08/746,442 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/498, 23/538, 23/66
- (54) METHOD FOR REDUCING VIA INDUCTANCE IN AN ELECTRONIC ASSEMBLY AND DEVICE
PROCEDE DESTINE A REDUIRE L'INDUCTANCE DE TROUS D'INTERCONNEXION DANS UN ENSEMBLE ET UN DISPOSITIF ELECTRONIQUES
- (71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) HANSON, David, A.; 6801 South Shore Drive, Altoona, WI 54720 (US).
- (74) CAMPBELL, John, S. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) WO 98/20558 (13) A1
- (21) PCT/US97/18970
- (22) 21 Oct/oct 1997 (21.10.1997)
- (25) en (26) en
- (31) 08/746,441 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/498, 23/14
- (54) ELECTRONIC PACKAGE HAVING REDUCED RADIUS OF CURVATURE
BOITIER ELECTRONIQUE DOTE D'UN RAYON DE COURBURE REDUIT
- (71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) FISCHER, Paul, J.; 419 Southwood Court, Eau Claire, WI 54701 (US).
- (74) CAMPBELL, John, S. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) WO 98/20559 (13) A1
- (21) PCT/US97/19635
- (22) 30 Oct/oct 1997 (30.10.1997)
- (25) en (26) en
- (31) 08/747,169 (32) 8 Nov/nov 1996 (08.11.1996) (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01L 23/498, H05K 1/05, 3/44
- (54) DIMENSIONALLY STABLE CORE FOR USE IN HIGH DENSITY CHIP PACKAGES AND A METHOD OF FABRICATING SAME
NOYAU STABLE EN DIMENSIONS DESTINE A DES BOITIERIS DE CIRCUITS INTEGRES ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) W.L. GORE & ASSOCIATES, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

- (72) **FISCHER, Paul, J.**; 419 Southwood Court, Eau Claire, WI 54701 (US). **GORRELL, Robin, E.**; 7163 Kern Drive, Eau Claire, WI 54701 (US). **SYLVESTER, Mark, F.**; 3320 Riverview Drive, Eau Claire, WI 54703 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20560** (13) A1
(21) PCT/JP97/04021
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) ja (26) ja
(31) 8/292283 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 27/14, B29C 33/42, C08F 290/06, G02B 5/18, 5/28, 27/46
- (54) PLASTIC LIDDING MATERIAL FOR SOLID-STATE IMAGE PICKUP ELEMENT PACKAGE AND METHOD FOR MANUFACTURING THE SAME
MATERIAU PLASTIQUE POUR FERMER UN BOITIER D'ELEMENT DE PRISE DE VUE A SEMI-CONDUCTEUR, ET PROCEDE DE FABRICATION ASSOCIE
- (71) **KUREHA KAGAKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 9-11, Nihonbashi Horidome-cho 1-chome, Chuo-ku, Tokyo 103 (JP).
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- (72, 75) **MACHIDA, Katsuichi** [JP/JP]; 60-12, Torinishi, Nishiki-machi, Iwaki-shi, Fukushima 974 (JP). **OGIHARA, Takeo** [JP/JP]; 3-6, Nakamura-2-chome, Nishiki-machi, Iwaki-shi, Fukushima 974 (JP). **SHOUJI, Masuhiro** [JP/JP]; 3-6, Kubota Katakishi, Nakoso-machi, Iwaki-shi, Fukushima 979-01 (JP). **KATONO, Hiroki** [JP/JP]; 1-7, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974 (JP).
- (74) **OHI, Masahiko**; Eishin Building, 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku, Tokyo 101 (JP).
- (81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20561** (13) A1
(21) PCT/US97/20173
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,415 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 27/148, 29/768
- (54) LOW-RESISTIVITY PHOTON-TRANSPARENT WINDOW ATTACHED TO PHOTO-SENSITIVE SILICON DETECTOR
FENETRE LAISSANT PASSER LES PHOTONS, DE FAIBLE RESISTIVITE, FIXEE A UN DETECTEUR AU SILICIUM PHOTOSENSIBLE
- (71) **LAWRENCE BERKELEY LABORATORY** [US/US]; One Cyclotron Road, M/S 90-1121, Berkeley, CA 94720 (US).

- (72) **HOLLAND, Stephen, E.**; 181 Catalina Drive, Hercules, CA 94547 (US).
- (74) **TRECARTIN, Richard, F.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20562** (13) A1
(21) PCT/US97/17637
(22) **29 Sep/sep 1997 (29.09.1997)**
(25) en (26) en
(31) 08/744,182 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 29/78, 29/10, 21/336
- (54) HIGH-VOLTAGE TRANSISTOR WITH MULTI-LAYER CONDUCTION REGION AND METHOD OF MAKING THE SAME
TRANSISTOR A HAUTE TENSION A ZONE DE CONDUCTION MULTICOUCHE ET SON PROCEDE DE FABRICATION
- (71) **POWER INTEGRATIONS, INC.** [US/US]; 477 North Mathilda Avenue, Sunnyvale, CA 94086 (US).
- (72) **RUMENNIK, Vladimir**; 264 Delphi Circle, Los Altos, CA 94022 (US). **AJIT, Janardhanan, S.**; 455-E Costa Mesa, Sunnyvale, CA 94086 (US).
- (74) **GERIAK, James, W.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20563** (13) A1
(21) PCT/US97/20466
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/745,975 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 29/812, 29/24, 29/20
- (54) POWER FIELD EFFECT TRANSISTOR IN SIC OR GAN
TRANSISTOR DE PUISSANCE A EFFET DE CHAMP EN SIC OU GaN
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East - 90/110/CC, Los Angeles, CA 90067-2199 (US).
- (72) **SRIRAM, Sapharishi**; 1328 Knollwood Drive, Monroeville, PA 15146 (US).
- (74) **GATES, William, L.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20564** (13) A1
(21) PCT/JP97/03964
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) ja (26) ja
(31) 8/295037 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 29/87, 27/04
- (54) SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND ITS MANUFACTURE
DISPOSITIF DE TYPE CIRCUIT INTEGRE A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION DE CE DERNIER
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP). **HITACHI MICROCOMPUTER SYSTEM, LTD.** [JP/JP]; 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187 (JP).
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- (72, 75) **ISHIZUKA, Hiroyasu** [JP/JP]; Olive-mansion 401, 592-6, Chigasecho 4-chome, Ome-shi, Tokyo 198 (JP). **OKUYAMA, Kousuke** [JP/JP]; 688-4, Minamiotsuka, Kawagoe-shi, Saitama 350-11 (JP). **KUBOTA, Katsuhiko** [JP/JP]; 15-16, Nakahara 3-chome, Higashiyamato-shi, Tokyo 207 (JP).
- (74) **TSUTSUI, Yamato**; Tsutsui & Associates, N.S. Excel 301, 22-45, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20565** (13) A1
(21) PCT/GB97/03019
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 9623204.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01L 51/20, 51/30
- (54) POLYMER LIGHT EMITTING DIODE
DIODE ELECTROLUMINESCENTE EN POLY-MERE
- (71) **UNIVERSITY OF DURHAM** [GB/GB]; South Road, Durham DH1 3LE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMUEL, Ifor, David, William** [GB/GB]; University of Durham, South Road, Durham DH1 3LE (GB). **MONKMAN, Andrew** [GB/GB]; University of Durham, South Road, Durham DH1 3LE (GB). **REBOURT, Eymard** [GB/GB]; University of Durham, South Road, Durham DH1 3LE (GB). **DAILEY, Stuart** [GB/GB]; University of Durham, South Road, Durham DH1 3LE (GB).
- (74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO2 2AP (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20566** (13) A1
(21) PCT/US97/20084
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/743,286 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 2/16, 6/18, 4/02, 4/62
(54) FILM FORMING METHOD FOR LITHIUM ION RECHARGEABLE BATTERIES
PROCEDE DE FORMATION D'UN FILM POUR ACCUMULATEURS POUVANT ETRE RECHARGES AVEC DES IONS DE LITHIUM
- (71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIU, Peikang** [-US]; 2312 N. Green Valley Parkway #2511, Henderson, NV 89015 (US).
GAO, Feng [CN/US]; 640 E. Horizon Drive #315, Henderson, NV 89015 (US).
- (74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20567** (13) A1
(21) PCT/US97/20913
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 08/743,274 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 2/34, H01C 1/14
(54) CIRCUIT PROTECTION DEVICE
DISPOSITIF DE PROTECTION DE CIRCUIT
- (71) **RAYCHEM CORPORATION** [US/US]; 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025-1164 (US).
- (72) **CHANDLER, Daniel, A.**; 255 Hedge Road, Menlo Park, CA 94025 (US). **LAM, Johnny**; 5649 Salvia Common, Fremont, CA 94539 (US).
- (74) **GERSTNER, Marguerite, E.** et al. / etc.; Raychem Corporation, Intellectual Property Law Dept., 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025-1164 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20568** (13) A1
(21) PCT/US97/20340
(22) **4 Nov/nov 1997 (04.11.1997)**
- (25) en (26) en
(31) 08/743,610 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 4/08, 6/46
(54) ELECTRODES FOR ELECTROCHEMICAL CELLS AND METHOD OF MAKING SAME
ELECTRODES POUR CELLULES ELECTROCHIMIQUES ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **JUNG, Richard, H.**; 1016 N. Knight, Park Ridge, IL 60068 (US). **LIAN, Ke, Keryn**; 2100 Valencia Drive, No. 116B, Northbrook, IL 60062 (US). **LI, Changming**; 135 Royal Oak Drive, Vernon Hills, IL 60061 (US). **WU, Han**; 987 Marlborough Road, Barrington, IL 60010 (US).
- (74) **HILLIMAN, Val, Jean, F.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20569** (13) A1
(21) PCT/US97/21225
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 08/742,547 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 4/24, 4/42, 4/06, 4/12
(54) ZINC ANODE FOR AN ELECTROCHEMICAL CELL
ANODE DE ZINC POUR CELLULE ELECTRONIQUE
- (71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, Westlake, OH 44145 (US).
- (72) **URRY, Lewis, F.**; 36263 Butternut Ridge Road, Elyria, OH 44039 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/20570** (13) A1
(21) PCT/US96/17839
(22) **7 Nov/nov 1996 (07.11.1996)**
(25) en (26) en
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 4/52
(54) BETA TO GAMMA PHASE CYCLEABLE ELECTROCHEMICALLY ACTIVE NICKEL HYDROXIDE MATERIAL
MATERIAU A BASE D'HYDROXYDE DE NICKEL ACTIF SUR LE PLAN ELECTROCHIMIQUE POUVANT ALTERNER ENTRE UNE PHASE BETA ET UNE PHASE GAMMA
- (71) **ENERGY CONVERSION DEVICES, INC.** [US/US]; 1675 W. Maple Road, Troy, MI 48084 (US).
- (72) **YOUNG, Rosa**; 1490 Brentwood, Troy, MI 48098 (US). **OVSHINSKY, Stanford, R.**; 2700 Squirrel Road, Troy, MI 48013 (US). **XU, Liwei**; 2546 Cheswick Drive, Troy, MI 48084 (US).
- (74) **SCHUMAKER, David, W.** et al. / etc.; Energy Conversion Devices, Inc., 1675 West Maple Road, Troy, MI 48084 (US).
- (81) AU BR CA FI JP KR MX NO RU SG UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20571** (13) A1
(21) PCT/JP97/04029
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) ja (26) ja
(31) 8/295277 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 4/58, 4/04, 4/02, C01G 51/00, 53/00
(54) METHOD OF MANUFACTURING POSITIVE ACTIVE MATERIAL FOR NONAQUEOUS ELECTROLYTE SECONDARY CELLS
PROCEDE DE FABRICATION D'UN MATERIAU POSITIF ACTIF POUR DES PILES SECONDAIRES A ELECTROLYTE NON AQUEUX
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIWARA, Takafumi** [JP/JP]; 2-2-2, Minamiterakatakitadori, Moriguchi-shi, Osaka 570 (JP). **WATANABE, Shoichiro** [JP/JP]; 1-3-40, Horyujinishi, Ikaruga-cho, Ikoma-gun, Nara 636-01 (JP). **KOBAYASHI, Shigeo** [JP/JP]; 3-5, Nishiyamamaruo, Yawata-shi, Kyoto 614 (JP). **HASHIMOTO, Akira** [JP/JP]; 1264-7, Kanaoka-cho, Sakai-shi, Osaka 591 (JP). **SHOJI, Yasuhiko** [JP/JP]; 1078, Ikedashimo-cho, Izumi-shi, Osaka 594 (JP). **KAWANO, Tomoko** [JP/JP]; 1-24-11, Saigodori, Moriguchi-shi, Osaka 570 (JP).
- (74) **TAKIMOTO, Tomoyuki** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
- (81) CN ID KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20572** (13) A1
(21) PCT/CA97/00841
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 9623070.1 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01M 4/70, 4/02, 4/04
(54) ELECTRODES FOR BATTERIES AND OTHER ELECTROCHEMICAL DEVICES
ELECTRODES DESTINEES A DES PILES OU A D'AUTRES DISPOSITIFS ELECTROCHIMIQUES
- (71) **BONDFACE TECHNOLOGY INC.** [CA/CA]; 305 Knowlton Road, Box 600, LacBrome, Quebec JOE 1VO (CA).
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- (72, 75) **MACKELVIE, Winston, R.** [CA/CA]; P.O. Box 1156, LacBrome, Quebec JOE 1VO (CA).
- (74) **PARSONS, Richard, A., R.;** Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

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- (11) **WO 98/20573** (13) A1
- (21) PCT/US97/19828
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 60/029,865 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (31) 60/042,186 (32) **2 Apr/avr 1997 (02.04.1997)** (33) US
- (31) 60/052,550 (32) **15 Jul/juil 1997 (15.07.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01M 6/18, C08J 5/22, H01B 1/12
- (54) HIGHLY CONDUCTIVE ION EXCHANGE POLYMER AND PROCESS
POLYMER ECHANGEUR D'IONS A FORTE CONDUCTIVITE ET PROCEDE
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

- (72) **DOYLE, Christopher, Marc;** 52 Bridle Brook Lane, Newark, DE 19711 (US). **LEWITTES, Mark, Evan;** 17 Briar Road, Wilmington, DE 19803 (US). **PERUSICH, Stephen, Albert;** 2 Flint Road, Newark, DE 19711 (US). **ROELOFS, Mark, Gerrit;** Skyline Orchard, 514 Hemlock Drive, Hockessin, DE 19707 (US). **RAJENDRAN, Govindarajulu;** 16 Piersons Ridge, Hockessin, DE 19707 (US).
- (74) **SIEGELL, Barbara, C.;** E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20574** (13) A1
- (21) PCT/US97/19311
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 08/742,398 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H01M 10/40
- (54) PROPYLENE CARBONATE BASED ELECTROLYTE FOR LITHIUM ION ELECTROCHEMICAL CELL
ELECTROLYTE A BASE DE CARBONATE DE PROPYLENE DESTINE A UNE PILE ELECTROCHIMIQUE A IONS LITHIUM

- (71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).
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- (72, 75) **BARKER, Jeremy** [GB/US]; 1770 North Green Valley Parkway #4021, Henderson, NV 89014 (US). **GAO, Feng** [CN/US]; 1050 Whitney Ranch Drive #1913, Henderson, NV 89014 (US).

- (74) **KREBS, Robert, E.;** Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20575** (13) A1
- (21) PCT/FI97/00651
- (22) **24 Oct/oct 1997 (24.10.1997)**
- (25) fi (26) en
- (31) 964320 (32) **25 Oct/oct 1996 (25.10.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01P 7/00

- (54) RESONATOR FILTER
FILTRE RESONATEUR

- (71) **ADC SOLITRA OY** [FI/FI]; Tarjusojantie 10, FIN-90440 Kempele (FI).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KARHU, Kimmo** [FI/FI]; Kihokkitie 4 E 10, FIN-90160 Oulu (FI).

- (74) **PATENTTITOIMISTO TEKNOPOOLS KOLSTER OY;** c/o Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

- (81) CH DE GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20576** (13) A1
- (21) PCT/FR97/01962
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) fr (26) fr
- (31) 96/13441 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01P 7/06

- (54) FILTERING DEVICE WITH METAL CAVITY PROVIDED WITH DIELECTRIC INSERTS
DISPOSITIF DE FILTRAGE A CAVITE METALLIQUE A INSERTS DIELECTRIQUES

- (71) **ALCATEL ESPACE** [FR/FR]; 5, rue Noël Pons, F-92737 Nanterre Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **GENDRAUD, Sandra** [FR/FR]; 47, rue des Tailières, F-87000 Limoges (FR). **GUILLOIN, Pierre** [FR/FR]; 80, avenue Baudin, F-87000 Limoges (FR). **VERDEYME, Serge** [FR/FR]; 11 bis, rue Chaignaud, F-87000 Limoges (FR).

- (74) **SMITH, Bradford** et al. / etc.; Alcatel Alsthom Recherche DPI, 30, avenue Kléber, F-75016 Paris (FR).

- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20577** (13) A2

(21) PCT/SE97/01790

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 9604016-7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01Q 1/24, H04B 1/38, H01Q 17/00

- (54) A RADIO TELEPHONE WITH HIGH ANTENNA EFFICIENCY
RADIOTELEPHONE A RENDEMENT D'ANTENNE ELEVE

- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

- (72) **MÅRTENSSON, Dag, Johan, Fredrik;** Backagården, Holmby 16:4, S-240 32 Flyinge (SE). **HÅKANSSON, Hans, Kenneth;** Börringegatan 1B, S-217 72 Malmö (SE). **YING, Zhinong;** S:t Hans Gränd 24 B, S-226 42 Lund (SE).

- (74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20578** (13) A1

(21) PCT/KR97/00166

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 1996 - 52132 (32) **5 Nov/nov 1996 (05.11.1996)** (33) KR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01Q 1/38, 1/36, 9/30, 9/46, H04B 1/18

- (54) SMALL ANTENNA FOR PORTABLE RADIO EQUIPMENT
STRUCTURE DE PASSAGE POUR CUVE DE REACTEUR NUCLEAIRE

- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 441-370 (KR).

- (72) **GUDILEV, Alexandre, V.;** Shinmaetan Apartment #101-205, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 441-370 (KR). **HA, Dong, In;** 1030-6, Bangbae-dong, Seocho-gu, Seoul 137-060 (KR). **BAK, Sang, Keun;** Kyungnam Apartment #2-1203, Gaepo-dong, Kangnam-gu, Seoul 135-240 (KR).

- (74) **LEE, Keon, Joo;** Mihwa Building, 110-2, Myongryun-dong, 4-Ga, Chongro-gu, Seoul 110-524 (KR).

- (81) AU BR CN JP RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20579** (13) A1
(21) PCT/DE97/02357
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) de (26) de
(31) 196 45 816.1 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01Q 15/02, 15/08, 19/06, 25/00, 1/32
(54) LENS ARRANGEMENT SUITED FOR FOCUSING RADAR WAVES
DISPOSITION DE LENTILLES PROPRE A FOCALISER LES ONDES RADAR
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **SCHMIDT, Ewald** [DE/DE]; Bachstrasse 10, D-71634 Ludwigsburg (DE). **PFIZENMAIER, Heinz** [DE/DE]; Liststrasse 6, D-71229 Leonberg (DE). **VOIGTLÄNDER, Klaus** [DE/DE]; Lindenweg 4, D-73117 Wangen (DE). **WAGNER, Klaus-Peter** [DE/DE]; Gausstrasse 1, D-70193 Stuttgart (DE). **LUCAS, Bernhard** [DE/DE]; Seelhofenstrasse 4, D-74395 Mundelsheim (DE). **BEEZ, Thomas** [DE/DE]; August-Läpple-Strasse 7, D-74189 Weinsberg (DE). **SCHNEEMANN, Jörg** [DE/DE]; Burgunder Weg 4, D-71554 Weissach (DE).
- (81) JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20580** (13) A1
(21) PCT/DE97/02470
(22) **23 Oct/oct 1997 (23.10.1997)**
(25) de (26) de
(31) 296 19 139.6 (32) **5 Nov/nov 1996 (05.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 4/48, H01H 50/44
(54) CAGECLAMP-TECHNOLOGY CONNECTING PIECE
PIECE DE RACCORD RELEVANT DE LA TECHNIQUE CAGECLAMP
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
- (72) **PFAB, Hans**; Alte Dorfstrasse 17, D-92256 Hahnbach (DE).
- (81) CN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20581** (13) A1
(21) PCT/US97/20531
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,622 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/042,215 (32) **31 Mar/mar 1997 (31.03.1997)** (33) US
(31) 08/946,122 (32) **7 Oct/oct 1997 (07.10.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 11/12, 13/02
- (54) INSULATED WIRE WITH INTEGRAL TERMINALS
CONDUCTEUR ISOLE A BORNES INTEGRES
- (71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (72) **PENTZ, Edward, L.**; 2024 Lynwood Drive, Greensboro, NC 27406 (US).
- (74) **DITTY, Bradley, N.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20582** (13) A1
(21) PCT/EP97/06093
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) de (26) de
(31) 196 45 441.7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 13/52, 13/50
(54) PIN-AND-SOCKET CONNECTOR FOR ELECTRICAL OR ELECTRONIC LINES
CONNECTEUR A FICHES POUR LIGNES ELECTRIQUES OU ELECTRONIQUES
- (71) **THOMAS & BETTS GMBH** [DE/DE]; Theodor-Heuss-Strasse 7-9, D-63329 Egelsbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOTZ, Reinhard** [DE/DE]; Bahnstrasse 80, D-64390 Erzhäusen (DE).
- (74) **EYER, Eckhardt**; Robert-Bosch-Strasse 12a, D-63303 Dreieich (DE).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/20583** (13) A1
(21) PCT/US97/20464
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/747,118 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 13/52
(54) PROTECTIVE COVER FOR ELECTRICAL CONNECTOR
COUVERCLE DE PROTECTION POUR CONNECTEUR ELECTRIQUE
- (71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (72) **WILSON, Richard, D.**; 2501 Denver Drive, Greensboro, NC 27406 (US).
- (74) **KAPALKA, Robert, J.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20584** (13) A1
(21) PCT/IB97/01349
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 9622915.8 (32) **4 Nov/nov 1996 (04.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 13/631
(54) RECEPTACLE CONTACT POSITION COMPLIANCE FEATURE
CARACTERISTIQUE D'ADAPTABILITE DE LA POSITION DE CONTACT D'UNE PRISE DE COURANT
- (71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DIJK, Petrus, Richardus, Martinus** [NL/NL]; De Baken 8, NL-5231 HR s'Hertogenbosch (NL).
- (74) **NINA, Driscoll, A.** et al. / etc.; AMP International Enterprises Ltd., AMPèrestrasse 3, CH-9323 Steinach (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20585** (13) A1
(21) PCT/US97/16038
(22) **10 Sep/sep 1997 (10.09.1997)**
(25) en (26) en
(31) 08/740,799 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H01R 25/00
(54) ADAPTIVE MODEM APPARATUS
MODEM AUTOADAPTATIF
- (71) **PARADYNE CORPORATION** [US/US]; 8545 126th Avenue, North, P.O. Box 2826, Largo, FL 33773 (US).
- (72) **GEORGOPULOS, Thomas**; 1900 Souvenir Drive, Clearwater, FL 34615 (US).
- (74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeyer & Risley L.L.P., Suite 1500, 100 Galleria Parkway, N.W., Atlanta, GA 30339 (US).

(81) BR CA CN JP KR MX RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20586** (13) A1

(21) PCT/JP97/04022

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ja (26) ja

(31) 8/292631 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01S 3/103, 3/131

(54) LASER DEVICE
DISPOSITIF LASER

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKABAYASHI, Osamu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **ARIGA, Tatsuya** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **IGARASHI, Toru** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **SAKANISHI, Shoichi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP). **TAKAHASHI, Tomokazu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).

(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).

(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20587** (13) A1

(21) PCT/US97/18436

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/742,527 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01S 3/30

(54) A MULTI-WAVELENGTH OPTICAL PUMP
POMPE OPTIQUE A PLUSIEURS LONGUEURS
D'ONDES

(71) **TYCO SUBMARINE SYSTEMS LTD.** [US/US]; 101 Crawfords Corner Road, Holmdel, NJ 07733 (US).

(72) **KERFOOT, Franklin, W. III**; 52 Jean Terrace, Red Bank, NJ 07701 (US). **KIDORE, Howard, D.**; 82 Tower Hill Drive, Red Bank, NJ 07701 (US). **MA, Xiaobing**; 72 Wedgewood Circle, Eatontown, NJ 07724 (US). **ROTTWITT, Karsten**; 908 Wellington Place, Aberdeen, NJ 07747 (US).

(74) **PIETRANTONIO, Frank**; Kenyon & Kenyon, 1025 Connecticut Avenue, N.W., Washington, DC 20036-5405 (US) et al. / etc.

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(11) **WO 98/20588** (13) A1

(21) PCT/US97/20140

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(25) en (26) en

(31) 08/743,987 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H01T 19/04

(54) METHOD AND APPARATUS FOR AUTOMATICALLY CLEANING IONIZING ELECTRODES
PROCEDE ET APPAREIL PERMETTANT UN NETTOYAGE AUTOMATIQUE D'ELECTRODES D'IONISATION

(71) **ION SYSTEMS, INC.** [US/US]; 2546 Tenth Street, Berkeley, CA 94710 (US).

(72) **VERNITSKIY, Grigoriy**; Apartment 3, 556 Fifth Avenue, San Francisco, CA 94118 (US).

(74) **TOBIN, Christopher, M.** et al. / etc.; Fenwick & West LLP, Suite 700, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20589** (13) A1

(21) PCT/DE97/02666

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 747.6 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02B 11/133

(54) INSERTABLE EQUIPMENT CARRIER WITH A LOCKING DEVICE
SUPPORT D'APPAREILLAGE INSERABLE ET DOTE D'UN DISPOSITIF DE VERROUILLAGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

(72) **SCHMIDT, Mario**; Lösninger Strasse 51, D-04275 Leipzig (DE).

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(11) **WO 98/20590** (13) A1

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(25) en (26) en

(31) 08/744,239 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02G 1/12

(54) LASER SELECTIVE STRIPPING SYSTEM
SYSTEME

(71) **SULZER INTERMEDICS INC.** [US/US]; 4000 Technology Drive, Angleton, TX 77515 (US).

(72) **CARDINEAU, Yan**; 1312 Sagebrush, Angleton, TX 77515 (US). **FRANKOVICH, Mark, M.**; 2811 Planters Street, Sugarland, TX 77479 (US).

(74) **MERKLING, John, R.**; Sulzer Medica USA Inc., 4000 Technology Drive, Angleton, TX 77515 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20591** (13) A1

(21) PCT/GB97/02989

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623230.1 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02G 15/113

(54) CABLE SPLICE CLOSURE
SYSTEME DE FERMETURE POUR EPISSURES
DE CABLES

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE).
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(71) **RAYCHEM LIMITED** [GB/GB]; IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)

(72, 75) **ROOSEN, Dirk** [BE/BE]; Meendijk 50, B-3300 Tienen (BE). **SCAPICCHIO, Daniele** [BE/BE]; Hollestraat 3, B-3290 Diest (BE).

(74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) BR CA CN ID IL JP KR MG MX PL RU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20592** (13) A1

(21) PCT/US96/17613

(22) **4 Nov/nov 1996 (04.11.1996)**

(25) en (26) en

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02H 7/085

(54) AUTO UP WINDOW WITH OBSTACLE DETECTION SYSTEM
LEVE-VITRE AUTOMATIQUE EQUIPE D'UN
SYSTEME DE DETECTION D'OBSTACLE

(71) **ITT AUTOMOTIVE ELECTRICAL SYSTEMS, INC.** [US/US]; 3000 University Drive, Auburn Hills, MI 48326-2356 (US).

(72) **JACKSON, James, A.**; 4984 Woodman Park #3, Dayton, OH 45420 (US). **McCANN, Roy, A.**; 3517 Kingswood Drive, Kettering, OH 45429 (US).

(74) **HINMAN, Kevin, M.**; Dykema Gossett PLLC, Suite 300, 1577 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20593** (13) A1

(21) PCT/FR97/01836

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) fr (26) fr

(31) 96/13564 (32) **5 Nov/nov 1996 (05.11.1996)** (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02J 7/00, H01M 10/44

(54) ACCUMULATOR BATTERY WITH IMPROVED DISCHARGING AND RECHARGING
BATTERIE D'ACCUMULATEURS A DECHARGES ET RECHARGES OPTIMISEES

(71, 72) **BRUERE, Jean, Noël** [FR/FR]; Boîte postale 605, F-97472 Saint Denis Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20594** (13) A1

(21) PCT/US97/20323

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,236 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02J 7/14

(54) VEHICULAR POWER MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION DE LA PUISSANCE D'UN VEHICULE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **JOY, George, Cecil**; 151 Mendham Road, Bernardsville, NJ 07924 (US). **GOLLOMP, Bernard, Paul**; 44 Fern Road, Palisades, NJ 10964 (US). **PALANISAMY, Thirumalai, Gounder**; 14 Canterbury Way, Morristown, NJ 07924 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept., (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LC LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) en (26) en

(31) 9604026-6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(31) 9703718-8 (32) **13 Oct/oct 1997 (13.10.1997)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02K 1/16, 15/02

(54) A STATOR FOR A ROTATING ELECTRIC MACHINE AND A METHOD OF MANUFACTURING A STATOR
STATOR DESTINE A UNE MACHINE ELECTRIQUE TOURNANTE ET PROCEDE DE FABRICATION D'UN STATOR

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Bertil** [SE/SE]; Samnättsvägen 12, S-724 76 Västerås (SE). **ROTHMAN, Bengt** [SE/SE]; Profilgatan 16, S-723 36 Västerås (SE). **KALLDIN, Hans-Olof** [SE/SE]; Grenadjärgatan 9, S-723 46 Västerås (SE). **LELJON, Mats** [SE/SE]; Hyvlargatan 5, S-723 35 Västerås (SE). **BERGGREN, Sören** [SE/SE]; Vetterstorpsgratan 30, S-724 62 Västerås (SE).

(74) **JOHANSSON WEBJÖRN, Ingmari**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9604028-2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02K 1/18

(54) LAMINATED MAGNETIC CORE FOR ELECTRIC MACHINES
NOYAU MAGNETIQUE FEUILLETE DESTINE A DES MACHINES ELECTRIQUES

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROTHMAN, Bengt** [SE/SE]; Profilgatan 16, S-723 36 Västerås (SE).

(74) **ASKERBERG, Fredrik**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9604033-2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02K 3/50

(54) DEVICE AT THE END WINDING REGION IN A ROTATING ELECTRIC MACHINE
DISPOSITIF POUR ZONE TERMINALE D'ENROULEMENT D'UNE MACHINE TOURNANTE ELECTRIQUE

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARSTENSEN, Peter** [SE/SE]; Sjövägen 62, S-141 42 Huddinge (SE). **NYGREN, Jan-Anders** [SE/SE]; Karlfeldtsgratan 27 B, S-722 22 Västerås (SE). **GERTMAR, Lars** [SE/SE]; Humlegatan 6, S-722 26 Västerås (SE). **LELJON, Mats** [SE/SE]; Hyvlargatan 5, S-723 35 Västerås (SE).

(74) **HOFFGARTEN, Nils**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9604034-0 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H02K 3/50

(54) DEVICE FOR CONTROLLING FAULT CURRENTS IN A ROTATING ELECTRIC MACHINE
DISPOSITIF PERMETTANT DE REGULER LES COURANTS DE DEFAUT DANS UNE MACHINE ELECTRIQUE TOURNANTE

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NYGREN, Jan-Anders** [SE/SE]; Karlfeldtsgratan 27 B, S-722 22 Västerås (SE). **GERTMAR, Lars** [SE/SE]; Humlegatan 6, S-722 26 Västerås (SE). **TEMPLIN, Peter** [SE/SE]; Dybecksgatan 4 B, S-731 40 Köping (SE).

(74) **HOPFGARTEN, Nils**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20599** (13) A1

(21) PCT/US97/17184

(22) **18 Sep/sep 1997 (18.09.1997)**

- (25) en (26) en
 (31) 08/745,905 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02K 3/50
- (54) PRELOADING SYSTEM FOR A CLAMP OF A STATOR END WINDING COIL
 SYSTEME DE PRECHARGE POUR DISPOSITIF DE FIXATION D'UN BOBINAGE TERMINAL DE STATOR
- (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, 11 Stanwix Street, Pittsburgh, PA 15222 (US).
- (72) **ROWE, Charles, M.**; 4274 Peacham Court, Orlando, FL 32817 (US). **RAMIREZ-CORONEL, Lorenzo, E.**; 125 Lake Drive, Oviedo, FL 32765 (US).
- (74) **DEPAUL, Louis, A.**; Westinghouse Electric Corporation, Westinghouse Building, 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).
- (81) CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20600** (13) A1
 (21) PCT/SE97/01841
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 9604027-4 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02K 9/00
- (54) AXIAL COOLING OF A ROTOR
 REFROIDISSEMENT AXIAL D'UN ROTOR
- (71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KYLANDER, Gunnar** [SE/SE]; Stentorpsgatan 16 A, S-723 43 Västerås (SE). **LELJON, Mats** [SE/SE]; Hyvrlargatan 5, S-723 35 Västerås (SE).
- (74) **EMTEDAL, Artur**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20601** (13) A1
 (21) PCT/JP97/04068
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) ja (26) ja
 (31) 8/309964 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02K 9/04
- (54) AIR COOLED MOTOR
 MOTEUR A REFROIDISSEMENT PAR AIR
- (71) **FANUC LTD** [JP/JP]; 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UCHIDA, Hiroyuki** [JP/JP]; 4447-8, Katsuyama-mura, Minamitsuru-gun, Yamanashi 401-03 (JP). **KATSUZAWA, Yukio** [JP/JP]; 1915-5, Funatsu, Kawaguchiko-machi, Minamitsuru-gun, Yamanashi 401-03 (JP). **NAKAZAWA, Yasuyuki** [JP/JP]; Room 8-108, Fanuc Manshonharimomi, 3511-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).
- (74) **TAKEMOTO, Shoji** et al. / etc.; Yamagata Building, 2F, 23-10, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20602** (13) A1
 (21) PCT/SE97/01839
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 9604025-8 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02K 15/085
- (54) CABLE FORERUNNER
 AMORCE DE CABLE
- (71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGGREN, Sören** [SE/SE]; Vetterstörpsgatan 30, S-724 62 Västerås (SE).
- (74) **EMTEDAL, Arthur**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20603** (13) A2
 (21) PCT/IB97/01193
 (22) **2 Oct/oct 1997 (02.10.1997)**
 (25) en (26) en
 (31) 96203064.9 (32) **4 Nov/nov 1996 (04.11.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02M 3/137
- (54) SWITCHED-MODE POWER SUPPLY WITH STATE INFORMATION
 ALIMENTATION A DECOUPAGE A INFORMATIONS D'ETAT
- (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **GROENEVELD, Dirk, Wouter, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE COCK, Henricus, Josephus, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20604** (13) A1
 (21) PCT/SG97/00058
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 9623222.8 (32) **7 Nov/nov 1996 (07.11.1996)** (33) GB
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02M 5/257, H05B 39/02, G05F 3/04
- (54) APPARATUS FOR CONTROLLING AC SUPPLY SWITCHES
 METHODE ET APPAREIL DE CORRECTION DES SIGNAUX DE DIFFERENCE DE COULEUR
- (71, 72) **KOH, Yat, Chong** [MY/SG]; Blk 26 Toa Payoh East #08-148, Singapore 310026 (SG).
- (74) **LLOYD WISE**; Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).
- (81) CN JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20605** (13) A1
 (21) PCT/GB97/03081
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 96/9367 (32) **7 Nov/nov 1996 (07.11.1996)** (33) ZA
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H02M 7/5387
- (54) A RESONANT POWER CONVERTER FOR ENERGISING A COIL
 CONVERTISSEUR AUTO-OSCILLANT POUR EXCITER UNE BOBINE
- (71) **ANGLO AMERICAN CORPORATION OF SOUTH AFRICA LIMITED** [ZA/ZA]; 44 Main Street, Johannesburg 2001 (ZA).
(for all designated States except / pour tous les États désignés sauf IS)
- (71) **BROWN, Keith, Edwin, Frank** [GB/ZA]; 40 Iona Drive, Hurlingham, Sandton 2146 (ZA).
(only for / seulement pour IS)
- (72) **FERREIRA, Jan, Abraham**; 25 Silver Pine Avenue, Ruitershof, Randburg 2194 (ZA).
- (74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20606** (13) A2
(21) PCT/US97/19334
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) en (26) en
(31) 60/029,162 (32) **25 Oct/oct 1996 (25.10.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03B
- (54) TUNABLE DIELECTRIC FLIP CHIP VARIATORS
VARACTORS DIELECTRIQUES ACCORDABLES A PUCES A BOSSES
- (71) **SUPERCONDUCTING CORE TECHNOLOGIES, INC.** [US/US]; 720 Corporate Circle, Golden, CO 80401 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOEPF, Gerhard, A.** [US/US]; 700 Kalmia, Boulder, CO 80304 (US). **PRICE, John, C.** [US/US]; 742 16th Street, Boulder, CO 80302 (US). **KOZYREV, Andrey, B.** [RU/RU]; Viborgskaya Naberezhnaya, 69/3 #101, St.Petersburg, 197342 (RU). **MÜELLER, Carl, H.** [US/US]; 573 Van Gorden Street #2-111, Lakewood, CO 80228 (US). **ROGERS, Charles, A.** [US/US]; 510 Ithaca Drive, Boulder, CO 80303 (US). **PRUDAN, Alexander** [RU/RU]; Apartment 28, Baikova, 5, St.Petersburg, 19547 (RU). **RIVKINA, Titiana** [RU/US]; 2399 South Ellis Court, Lakewood, CO 80228 (US). **GALT, David** [US/US]; 1966 South Sherman Street, Denver, CO 80210 (US).
- (74) **SWARTZ, Douglas, W.** et al. / etc.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20607** (13) A1
(21) PCT/EP97/06127
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 96/13509 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03C 3/09
(54) FREQUENCY MODULATOR
MODULATEUR DE FREQUENCE
- (71) **MOTOROLA SEMICONDUCTEURS S.A.** [FR/FR]; Centre Electronique de Toulouse, Avenue Général Eisenhower, F-31023 Toulouse Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOURTET, Christophe** [FR/FR]; 115, chemin de la Moissagaise, F-82170 Pompignan (FR). **TRICHET, Jacques** [FR/FR]; 14, rue Jean-Jacques Rousseau, F-31270 (FR).
- (74) **IBBOTSON, Harry** et al. / etc.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20608** (13) A1
(21) PCT/GB97/03017
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 9623175.8 (32) **6 Nov/nov 1996 (06.11.1996)** (33) GB
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03F 3/217
- (54) IMPROVEMENTS IN OR RELATING TO AMPLIFIERS
AMELIORATIONS APORTEES A DES AMPLIFICATEURS
- (71) **HARMAN INTERNATIONAL INDUSTRIES LIMITED** [GB/GB]; Linkside Business Centre, Summit Road, Potters Bar, Hertfordshire EN6 3JB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEWHEY, Christopher** [GB/GB]; 28 Boswell Gardens, Stevenage, Hertfordshire SG1 4SB (GB).
- (74) **NEEDLE, Jacqueline**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).
- (81) DE GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20609** (13) A1
(21) PCT/US97/20259
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/740,838 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03K 3/03, G06F 1/32
- (54) LOW POWER WAKE-UP SYSTEM AND METHOD
SYSTEME ET PROCEDE DE REVEIL DE FAIBLE PUISSANCE
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (72) **MULLINS, Jacqueline**; 4020 Idalia, Austin, TX 78749 (US).
- (74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/20610** (13) A1
(21) PCT/US97/16444
(22) **15 Sep/sep 1997 (15.09.1997)**
(25) en (26) en
(31) 08/743,006 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03K 5/22, H03F 3/45
- (54) LOW-IMPEDANCE CMOS OUTPUT STAGE AND METHOD
ETAGE DE SORTIE CMOS A FAIBLE IMPEDANCE ET PROCEDE ASSOCIE
- (71) **BURR-BROWN CORPORATION** [US/US]; 6730 South Tucson Boulevard, Tucson, AZ 85706 (US).
- (72) **WU, Michael, A.**; 10710 N. Glen Abbey Drive, Oro Valley, AZ 85737 (US).
- (74) **HOFFMAN, Charles, R.** et al. / etc.; Cahill, Sutton & Thomas P.L.C., 155 Park One, 2141 East Highland, Phoenix, AZ 85016 (US).
- (81) CN IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20611** (13) A1
(21) PCT/EP97/06028
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) de (26) de
(31) 196 45 783.1 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03K 17/0812, H02H 9/04, 7/12, H02M 3/338
- (54) ELECTRIC POWER SUPPLY CIRCUIT
CIRCUIT D'ALIMENTATION EN COURANT
- (71) **BRAUN AKTIENGESELLSCHAFT** [DE/DE]; Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGK, Günther** [DE/DE]; Weidensstrasse 9, D-65527 Niedermhausen (DE). **LOTH-KRAUSSER, Hartmut** [DE/DE]; Otto-Brenner-Strasse 5, D-64589 Stockstadt am Rhein (DE).
- (74) **BRAUN AKTIENGESELLSCHAFT**; Frankfurter Strasse 145, D-61476 Kronberg (DE).
- (81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/20612** (13) A1
(21) PCT/SE97/01774
(22) **23 Oct/oct 1997 (23.10.1997)**
(25) en (26) en
(31) 60/030,121 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(31) 08/746,339 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H03K 19/018, 19/18, H04M 1/72
- (54) SYSTEM CONNECTOR
CONNECTEUR DE SYSTEMES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **RUBBMARK, Jan, Ragnar**; Kungshällagatan 45, S-212 30 Malmö (SE). **PEHRSSON, Göran, Claes**; Tessins Väg 16 C, S-217 58 Malmö (SE). **HANSSON, Magnus, Hans**; Svanevägen 11, S-212 23 Malmö (SE).
- (74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S-126 25 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20613** (13) A1
 (21) PCT/US97/15365
 (22) **28 Aug/Août 1997 (28.08.1997)**
 (25) en (26) en
 (31) 08/837,023 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H03K 19/0185, 19/0175
 (54) FPGA WITH A PLURALITY OF I/O VOLTAGE LEVELS
 CIRCUIT FPGA PRESENTANT UNE MULTIPLI-
 CITE DE NIVEAUX DE TENSION D'ENTREE-
 SORTIE
 (71) **XILINX, INC.** [US/US]; 2100 Logic Drive, San
 Jose, CA 95124 (US).

- (72) **GOETTING, F., Erich**; 11659 Olive Spring Court,
 Cupertino, CA 95014 (US). **FRAKE, Scott, O.**;
 10174 Riedel Place, Cupertino, CA 95014 (US).
KONDAPALLI, Venu, M.; 10200 Miller Avenue
 #301, Cupertino, CA 95014 (US). **YOUNG,**
Steven, P.; 6131 Paso Los Cerritos, San Jose, CA
 95120 (US).

- (74) **YOUNG, Edel, M.** et al. / etc.; Xilinx, Inc., 2100
 Logic Drive, San Jose, CA 95124 (US).

- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE
 IT LU MC NL PT SE).

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- (11) **WO 98/20614** (13) A1
 (21) PCT/DK97/00505
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 1246/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DK
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H03L 7/089
 (54) A METHOD AND AN APPARATUS FOR COM-
 PARING TWO LOGIC SIGNALS
 PROCEDE ET APPAREIL UTILISES POUR
 COMPARER DEUX SIGNAUX LOGIQUES
 (71) **DSC COMMUNICATIONS A/S** [DK/DK]; Lau-
 trupbjerg 7-11, DK-2750 Ballerup (DK).
*(for all designated States except / pour tous les États
 désignés sauf US)*

- (72, 75) **GLERSKOV, Christian** [DK/DK]; Gyvelvej
 16, 2. th., DK-2600 Glostrup (DK).

- (74) **HOFMAN-BANG & BOUTARD, LEHMANN
 & REE A/S**; Hans Bekkevolds Allé 7, DK-2900
 Hellerup (DK).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
 ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
 EP (AT BE CH DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE); OA (BF BJ CF CG CI CM
 GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20615** (13) A2
 (21) PCT/US97/19080

- (22) **21 Oct/oct 1997 (21.10.1997)**
 (25) en (26) en
 (31) 60/028,837 (32) **21 Oct/oct 1996 (21.10.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H03M
 (54) SMART SENSOR MODULE
 MODULE DE CAPTEUR INTELLIGENT
 (71) **ELECTRONICS DEVELOPMENT CORPO-
 RATION** [US/US]; 9055F Guilford Road,
 Columbia, MD 21046 (US).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **RITMILLER, George, R., III** [US/US]; 331
 Kendig Drive, Owings Mills, MD 21117 (US).

- (74) **SHAPIRO, Jason, M.**; Suite 400, 1901 Research
 Boulevard, Rockville, MD 20850 (US).

- (81) AU BR CN JP US; EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20616** (13) A1

- (21) PCT/SE97/01672

- (22) **7 Oct/oct 1997 (07.10.1997)**

- (25) en (26) en

- (31) 9604024-1 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ H03M 1/68

- (54) A METHOD AND DEVICE TO PROVIDE
 A HIGH-PERFORMANCE DIGITAL-TO-
 ANALOG CONVERSION ARCHITECTURE
 PROCEDE ET DISPOSITIF PRODUISANT
 UNE ARCHITECTURE DE CONVER-
 SION NUMERIQUE-ANALOGIQUE HAUTE
 PERFORMANCE

- (71) **TELEFONAKTIEBOLAGET LM ERICSSON**
 (publ) [SE/SE]; S-126 25 Stockholm (SE).

- (72) **TAN, Nianxiang**; Lomvägen 39 nb, S-191 56
 Sollentuna (SE).

- (74) **TELEFONAKTIEBOLAGET LM ERICSSON**;
 Patent och Trademark Dept., S-126 25 Stockholm
 (SE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
 ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
 EP (AT BE CH DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE); OA (BF BJ CF CG CI CM
 GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20617** (13) A1

- (21) PCT/US97/20109

- (22) **6 Nov/nov 1997 (06.11.1997)**

- (25) en (26) en

- (31) 743,688 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ H03M 13/00

- (54) SOFT DECISION OUTPUT DECODER FOR
 DECODING CONVOLUTIONALLY ENCODED
 CODEWORDS

DECODEUR A SORTIE A DECISION PONDE-
 REE PERMETTANT DE DECODER DES MOTS
 DE CODE A CODAGE CONVOLUTIONNEL

- (71) **QUALCOMM INCORPORATED** [US/US]; 6455
 Lusk Boulevard, San Diego, CA 92121 (US).

- (72) **VITERBI, Andrew, J.**; 2712 Glenwick Place,
 La Jolla, CA 92037 (US). **SINDHUSHAYANA,**
Nagabhushana, T.; 10635 Dabney Drive #63, San
 Diego, CA 92126 (US).

- (74) **OGROD, Gregory, D.** et al. / etc.; Qualcomm
 Incorporated, 6455 Lusk Boulevard, San Diego, CA
 92121 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
 LV MD MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA UG
 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG
 ZW); EA (AM AZ BY KG KZ MD RU TJ TM);
 EP (AT BE CH DE DK ES FI FR GB GR IE IT
 LU MC NL PT SE); OA (BF BJ CF CG CI CM
 GA GN ML MR NE SN TD TG).

- (11) **WO 98/20618** (13) A2

- (21) PCT/IB97/01618

- (22) **22 Oct/oct 1997 (22.10.1997)**

- (25) en (26) en

- (31) 08/736,110 (32) **24 Oct/oct 1996 (24.10.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ H04B

- (54) A SYSTEM FOR INCREASING THE UTILITY
 OF SATELLITE COMMUNICATION SYSTEMS
 SYSTEME POUR ACCROITRE L'UTILITE DE
 SYSTEMES DE COMMUNICATION PAR SA-
 TELLITES

- (71) **STANFORD TELECOMMUNICATIONS, INC.**
 [US/US]; 1761 Business Center Drive, Reston, VA
 22090 (US).

- (72) **WEINBERG, Aaron**; 12219 Devilwood Drive,
 Potomac, MD 20854 (US). **CUNNINGHAM,**
Kenneth; 16535 Hampton Road, Hamilton, VA
 22068 (US).

- (74) **ZEGEER, Jim**; 801 North Pitt Street #108,
 Alexandria, VA 22314 (US).

- (81) AU BR CA CN JP KR MX; EP (AT BE CH DE
 DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20619** (13) A1

- (21) PCT/US97/19865

- (22) **31 Oct/oct 1997 (31.10.1997)**

- (25) en (26) en

- (31) 08/740,935 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

- (31) 08/770,306 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

- (43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ H04B 1/10, H04L 1/20, H04H 1/04, H04M 1/00

- (54) APPARATUS AND METHOD FOR DYNAMI-
 CALLY SELECTING A TRANSMITTER FOR
 DIRECTED MESSAGE DELIVERY
 PROCEDE ET DISPOSITIF DE SELECTION DY-
 NAMIQUE D'EMETTEUR POUR REMISE DIRI-
 GEE DE MESSAGES

- (71) **MOTOROLA INC.** [US/US]; 1303 East Algon-
 quin Road, Schaumburg, IL 60196 (US).

(72) **SOUISSI, Slim**; 5701 Sandshell Drive #2006, Fort Worth, TX 76137 (US). **SAWAYA, Samir, A.**; 11660 Petenwell Road, San Diego, CA 92131 (US). **DORENBOSCH, Jheroen, P.**; Route 3, Box 145, Waxahachie, TX 75165 (US). **BRIANCON, Alain, Charles, Louis**; 2808 Round Park Trail, McKinney, TX 75070 (US). **CANNON, Gregory, Lewis**; 808 Holly Ridge Court, Keller, TX 76248 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., 5401 North Beach Street, MS/E230, Fort Worth, TX 76137 (US).

(81) BR CN RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20620** (13) A1

(21) PCT/SE97/01773

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/747,010 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/16, H04M 1/72, H03L 7/197, H04Q 7/32

(54) METHOD AND APPARATUS FOR REDUCING STANDBY CURRENT IN COMMUNICATIONS EQUIPMENT
PROCEDE ET APPAREIL DE REDUCTION DU COURANT EN MODE DE VEILLE DANS UN EQUIPEMENT DE TELECOMMUNICATIONS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **WENDEL RUP, Jean, Heino**; Rolfsgatan 12 C, S-214 34 Malmö (SE). **LINDQVIST, Björn, Martin, Gunnar**; Södra Västkustvägen 105, S-237 26 Bjärred (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S-126 25 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20621** (13) A1

(21) PCT/US97/17921

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/742,483 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/16, H03J 1/00, H02M 3/07

(54) PROGRAMMABLE VOLTAGE SOURCE
SOURCE DE TENSION PROGRAMMABLE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **KOSZARSKY, Christopher, R.**; 716 Guadeloupe Court, Holly Springs, NC 27540 (US).

(74) **GRUDZIECKI, Ronald, L.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20622** (13) A1

(21) PCT/US97/19429

(22) **28 Oct/oct 1997 (28.10.1997)**

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(31) 08/740,781 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/38, H04M 1/02

(54) MODULAR RADIOTELEPHONE
RADIOTELEPHONE MODULAIRE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **THORNTON, Curtis, W.**; 103 Indigo Drive, Cary, NC 27513 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/NO97/00292

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) no (26) en

(31) 964695 (32) **6 Nov/nov 1996 (06.11.1996)** (33) NO

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/50

(54) SYSTEM AND METHOD OF DOWNCONVERSION WHERE THE RECEIVED SIGNAL IS DOWNCONVERTED
SYSTEME ET PROCEDE DE TRANSPOSITION PAR ABAISSEMENT DE FREQUENCE DANS LEQUEL LE SIGNAL RECU EST TRANSPOSE PAR ABAISSEMENT DE FREQUENCE

(71) **NERA ASA** [NO/NO]; Bergerveien 12, N-1362 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KVEIM, Tor** [NO/NO]; Alf Kristoffersensvei 16, N-1362 Billingstad (NO). **RÖSTE, Terje** [NO/NO]; Kvarstveien 8, N-3340 Åmot (NO).

(74) **ØVREBØ, Arthur**; Bryns Patentkontor A/S, P.O. Box 765 Sentrum, N-0106 Oslo (NO).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20624** (13) A1

(21) PCT/DE97/02589

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 745.4 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/69

(54) METHOD OF TRANSMISSION AND DEVICE TO CARRY OUT SAID METHOD
PROCEDE ET DISPOSITIF DE TRANSMISSION

(71) **NANOTRON GESELLSCHAFT FÜR MIKROTECHNIK MBH** [DE/DE]; Alt-Moabit 61, D-10555 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSLAR, Manfred** [DE/DE]; Schlüterstrasse 35, D-10629 Berlin (DE). **IANELLI, Zbigniew** [PL/DE]; Swinemünder Strasse 92, D-13355 Berlin (DE).

(74) **CHRISTIANSEN, Henning**; Pacelliallee 43/45, D-14195 Berlin (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20625** (13) A1

(21) PCT/DE97/02606

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 747.0 (32) **1 Nov/nov 1996 (01.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04B 1/69

(54) METHOD FOR WIRELESS INFORMATION TRANSFER
PROCEDE DE TRANSMISSION SANS FIL D'UNE INFORMATION

(71) **NANOTRON GESELLSCHAFT FÜR MIKROTECHNIK MBH** [DE/DE]; Alt-Moabit 61, D-10555 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSLAR, Manfred** [DE/DE]; Schlüterstrasse 35, D-10629 Berlin (DE). **IANELLI, Zbigniew** [PL/DE]; Swinemünder Strasse 92, D-13355 Berlin (DE).

(74) **CHRISTIANSEN, Henning**; Pacelliallee 43/45, D-14195 Berlin (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20626** (13) A1
 (21) PCT/US97/19675
 (22) **27 Oct/oct 1997 (27.10.1997)**
 (25) en (26) en
 (31) 08/742,337 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 5/02, H04M 1/60, 1/72, H01Q 7/00
 (54) AERIAL ARRAYS FOR INDUCTIVE COMMUNICATION SYSTEMS
 RESEAUX D'ANTENNES POUR SYSTEMES DE COMMUNICATION INDUCTIFS
 (71) **PLANTRONICS, INC.** [US/US]; 337 Encinal Street, Santa Cruz, CA 95061 (US).
 (72) **FLOWERDEW, Peter, M.**; 18 St. Joseph's Street, Brentry, Bristol BS10 6QL (US).
 (74) **HAYES, David, L.** et al. / etc.; Fenwick & West LLP, Suite 700, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20627** (13) A2
 (21) PCT/SE97/01824
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 60/030,015 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (31) 08/873,524 (32) **12 Jun/juin 1997 (12.06.1997)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 7/00, H04J 3/00
 (54) METHOD FOR PROPAGATION DELAY CONTROL
 PROCEDE DE COMMANDE DE TEMPS DE PROPAGATION
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
 (72) **GALYAS, Johan, Karoly, Peter**; Kryssarvägen 11, S-183 58 Täby (SE). **JUNG, Stefan, Wilhelm**; Karlsholmsvägen 11, S-183 77 Täby (SE).
 (74) **WIDEBERG, Olle** et al. / etc.; Telefonaktiebolaget LM Ericsson, Patent Dept., S-126 25 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20628** (13) A1
 (21) PCT/US97/19885
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 08/740,803 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 7/08
 (54) APERTURE-TO-RECEIVER GAIN EQUALIZATION IN MULTI-BEAM RECEIVING SYSTEMS
 EGALISATION DE GAIN EMBOUCHURE A RECEPTEUR DANS DES SYSTEMES DE RECEPTION MULTIFAISCEAUX
 (71) **HAZELTINE CORPORATION** [US/US]; 450 East Pulaski Road, Greenlawn, NY 11740 (US).
 (72) **GUTMAN, John, H.**; 61 Park Street, Brandon, VT 05733 (US). **PAPSON, John, C.**; 2 Bradford Place, Melville, NY 11747 (US).
 (74) **ROBINSON, Kenneth, P.**; 474 New York Avenue, Huntington, NY 11743 (US).
 (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20629** (13) A1
 (21) PCT/US97/17912
 (22) **9 Oct/oct 1997 (09.10.1997)**
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 (31) 08/746,338 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 7/185
 (54) SATELLITE/CELLULAR PHONE USING DIFFERENT CHANNEL SPACINGS ON FORWARD AND RETURN LINKS
 TELEPHONE CELLULAIRE/PAR SATELLITE UTILISANT DES ESPACEMENTS DE CANAUX DIFFERENTS SUR DES LIAISONS ALLER ET RETOUR
 (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle, NC 27709 (US).
 (72) **DENT, Paul, W.**; 637 Eagle Point Road, Pittsboro, NC 27312 (US).
 (74) **GRUDZIECKI, Ronald, L.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20630** (13) A1
 (21) PCT/US97/19631
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 08/746,019 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,020 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,067 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,069 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,070 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,071 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (31) 08/746,072 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 7/185, 7/208, H04H 1/00, H04J 1/00, 3/06, H04L 27/18, 29/02
 (54) DIRECT SATELLITE DIRECT BROADCAST SYSTEM
 SYSTEME DE RADIODIFFUSION DIRECTE NUMERIQUE PAR SATELLITE
 (71) **WORLDSpace, INC.** [US/US]; 2400 N. Street, N.W., Washington, DC 20037 (US).
 (72) **CAMPANELLA, S., Joseph**; 18917 Whetstone Circle, Gaithersburg, MD 20879 (US). **HARRIS, G., Christopher**; 1325 15th Street, N.W., Washington, DC 20005 (US).

- (74) **HOLMES, John, E.** et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1225 Connecticut Avenue, N.W., Washington, DC 20036 (US).
 (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20631** (13) A1
 (21) PCT/US97/19919
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 (25) en (26) en
 (31) 08/746,018 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04B 7/185, 10/105, H04H 1/100, H04L 9/00
 (54) SYSTEM FOR PROVIDING LOCATION-SPECIFIC DATA TO A USER
 SYSTEME POUR FOURNIR A UN UTILISATEUR DES DONNEES SPECIFIQUES A UN EMPLACEMENT
 (71) **WORLDSpace, INC.** [US/US]; 11 Dupont Circle, N.W., Washington, DC 20036 (US).

- (71) **JOHNSTONE, Robert, L.** [US/US]; 71 Western Avenue, West Boothbay Harbor, ME 04575-0100 (US).
- (72) **CAMPANELLA, S., Joseph**; 18917 Whetstone Circle, Gaithersburg, MD 20879 (US).
- (74) **HOLMES, John, E.** et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1225 Connecticut Avenue, N.W., Washington, DC 20036 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20632** (13) A1
- (21) PCT/US97/17707
- (22) **6 Oct/oct 1997 (06.10.1997)**
- (25) en (26) en
- (31) 08/743,189 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04B 7/212, H04Q 7/30
- (54) POWER-SAVING METHOD FOR PROVIDING SYNCHRONIZATION IN A COMMUNICATIONS SYSTEM
PROCEDE DE GESTION D'ENERGIE PAR SYNCHRONISATION D'UN SYSTEME DE COMMUNICATIONS
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **SÖLVE, Torbjörn, Wilson**; 108 West Clarksville Court, Cary, NC 27513 (US). **MASSINGILL, Larry, William**; 2370 NC39N, Selma, NC 27576 (US).
- (74) **GRUDZIECKI, Ronald, L.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20633** (13) A2
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- (25) en (26) en
- (31) 08/740,332 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04B 7/24, H04L 12/28
- (54) SYSTEM AND METHOD FOR BROADBAND MILLIMETER WAVE DATA COMMUNICATION

SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES LARGE BANDE PAR ONDES MILLIMETRIQUES

- (71) **WAVTRACE, INC.** [US/US]; 1555 132nd Avenue N.E., Bellevue, WA 98005 (US).
- (72) **FOSTER, Robert, B., Jr.**; 12523 N.E. 25th Street, Bellevue, WA 98005 (US). **BAUGH, Charles, R.**; 23 Newport Key, Bellevue, WA 98006 (US). **SCHAFER, David, C.**; 2205 92nd Avenue N.E., Clyde Hill, WA 98004 (US).
- (74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20634** (13) A2
- (21) PCT/US97/20403
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/744,337 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04B 71/85
- (54) FREQUENCY SHARING FOR SATELLITE COMMUNICATION SYSTEM
PARTAGE DES FREQUENCES POUR SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE
- (71) **TELEDESIC LLC** [US/US]; 2300 Carillon Point, Kirkland, WA 98033 (US).
- (72) **STUART, James, R.**; 1082 West Alder Street, Louisville, CO 80027 (US). **STURZA, Mark, A.**; 4670 Galendo Street, Woodland Hills, CA 91364 (US). **PATTERSON, David, P.**; 1665 - 100th Place Southeast, Bellevue, WA 98004 (US).

- (74) **TULLETT, Rodney, C.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
- (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20635** (13) A2
- (21) PCT/IB97/01210
- (22) **3 Oct/oct 1997 (03.10.1997)**
- (25) en (26) en
- (31) 96203089.6 (32) **6 Nov/nov 1996 (06.11.1996)** (33) EP
- (34) NL et al. / etc.
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04H 1/00
- (54) A RADIO RECEIVER FOR RECEIVING A MAIN RADIO BROADCAST SIGNAL AND A MONOLITHIC INTEGRATED CIRCUIT FOR USE IN SUCH RADIO RECEIVER
RECEPTEUR RADIO PERMETTANT DE RECEVOIR UN SIGNAL DE RADIODIFFUSION PRINCIPAL ET CIRCUIT INTEGRE MONOLITHIQUE UTILISE DANS CE RECEPTEUR RADIO

- (71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **KIANUSH, Kaveh**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SCHILLHOF, Udo, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAUCHER, Cicero, Silveira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHOONHEIJM, Harry, B.** et al. / etc.; Internationale Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20636** (13) A1
- (21) PCT/US97/19939
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 60/029,721 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (31) 08/965,438 (32) **6 Nov/nov 1997 (06.11.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04J 1/02, H04B 1/02, 1/034
- (54) CELLULAR TELEPHONE COMMUNICATION PROTOCOL
PROTOCOLE DE COMMUNICATIONS TELEPHONIQUE CELLULAIRES
- (71) **ATX RESEARCH, INC.** [US/US]; Suite 200, 10010 San Pedro, San Antonio, TX 78216 (US).
- (72) **HERRING, Russell, M.**; Suite 200, 10010 San Pedro, San Antonio, TX 78216 (US).
- (74) **THIELE, Alan, R.** et al. / etc.; Jenkens & Gilchrist, Suite 1800, 1100 Louisiana, Houston, TX 77002 (US).
- (81) BR CA CN MX.

- (11) **WO 98/20637** (13) A1
- (21) PCT/IB97/01408
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/746,176 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04J 3/06
- (54) SYSTEM AND METHOD FOR ATM CBR TIMING RECOVERY
SYSTEME ET PROCEDE SERVANT A RECUPERER LA SYNCHRONISATION DU DEBIT BINAIRE CONSTANT EN MODE DE TRANSFERT ASYNCHRONE
- (71) **NORTHERN TELECOM LIMITED** [CA/CA]; P.O. Box 6123, Station A, Montreal, Quebec H3C 3J5 (CA).
- (72) **BERNSTEIN, Greg, M.**; 4417 Castanos Street, Fremont, CA 94536 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20638 (13) A1

(21) PCT/US97/20450

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 60/030,730 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04J 3/22(54) MECHANISM TO SUPPORT A UTOPIA INTERFACE OVER A BACKPLANE
ORGANE DESTINE A RECEVOIR UNE INTERFACE UTOPIA SUR UN FOND DE PANIER(71) 3COM [US/US]; 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (US). **INTEGRATED TELECOM TECHNOLOGY** [US/US]; Suite 300, 18310 Montgomery Village Avenue, Gaithersburg, MD 20879 (US).(72) **HOLDEN, Brian**; 936 Azure Street #D1, Sunnyvale, CA 94087 (US). **HALABI, Mitri**; 2039 Estate View Way, San Jose, CA 95148 (US). **BRAUN, Darren**; 145 Mohave Common, Fremont, CA 94539 (US).(74) **ALLEN, Kenneth, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/JP97/04035

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(31) 8/309949 (32) 7 Nov/nov 1996 (07.11.1996) (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04J 13/00(54) CODE GENERATING METHOD AND CODE SELECTING METHOD
PROCEDE DE GENERATION DE CODE ET PROCEDE DE SELECTION DE CODE(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **UESUGI, Mitsuru** [JP/JP]; 33 Goshitsu, 13 Goto, Kamoi-so, 3-14-6, Kamoi, Midori-ku, Yokohama-shi, Kanagawa 226 (JP). **NAGASE, Taku** [JP/JP]; Room 117, Sakae Haisu, 180-1, Minamiya, Machida-shi, Tokyo 194 (JP). **KATO, Osamu** [JP/JP]; 2-14-10-205, Hiyoshi, Kohoku-ku, Yokohama-shi, Kanagawa 223 (JP).(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/20640 (13) A1

(21) PCT/US97/15158

(22) 27 Aug/Août 1997 (27.08.1997)

(25) en (26) en

(31) 08/746,110 (32) 6 Nov/nov 1996 (06.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04J 13/02, H04B 7/216(54) METHOD AND APPARATUS FOR MITIGATING AN ORPHAN CONDITION IN A SPREAD-SPECTRUM COMMUNICATION SYSTEM
PROCEDE ET APPAREIL POUR ATTENUER UN ETAT ORPHELIN DANS UN SYSTEME DE COMMUNICATIONS A SPECTRE ETALE(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).(72) **BRUCKERT, Eugene, J.**; 203 W. Noyes, Arlington Heights, IL 60006 (US). **HYZIAK, Janusz**; 9352 Margail Court, Des Plaines, IL 60016 (US).(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/20641 (13) A1

(21) PCT/US97/10811

(22) 5 Nov/nov 1997 (05.11.1997)

(25) en (26) en

(31) 08/743,786 (32) 7 Nov/nov 1996 (07.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04K 1/00, H04L 9/00(54) SYSTEM AND METHOD FOR PROVIDING SECURITY IN DATA COMMUNICATION SYSTEMS
SYSTEME ET PROCEDE POUR ASSURER LA SECURITE DES SYSTEMES DE TRANSMISSION DES DONNEES(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).(72) **ICHIKAWA, Bryan, K.**; 725 Calumet Road, Monument, CO 80132 (US).(74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AU CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/US97/19606

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(31) 08/744,338 (32) 7 Nov/nov 1996 (07.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04L 9/00, G06F 3/00

(54) METHOD, SYSTEM, AND ARTICLE OF MANUFACTURE FOR PRODUCING A NETWORK NAVIGATION DEVICE

PROCEDE, SYSTEME ET ARTICLE PERMETTANT DE PRODUIRE UN DISPOSITIF DE NAVIGATION DANS UN RESEAU

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **REBER, William, L.** [US/US]; 1029 Buccaneer Road, Schaumburg, IL 60916 (US). **PERTUNEN, Cary, D.** [US/US]; 11764 Raintree Court, Shelby Township, MI 48315 (US).(74) **TOLER, Jeffrey, G.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 96/13411 (32) 4 Nov/nov 1996 (04.11.1996) (33) FR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04L 9/00(54) METHOD FOR DATA DECORRELATION
PROCEDE DE DECORRELATION DE DONNEES(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **VAUDENAY, Serge** [FR/FR]; 11, rue des Acaacias, F-91220 Brétigny sur Orge (FR).(74) **MICHELET, Alain**; Cabinet Harlé & Phélip, 21, rue de la Rochefoucauld, F-75009 Paris (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/742,981 (32) 1 Nov/nov 1996 (01.11.1996) (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04L 9/30(54) OBJECT-BASED DIGITAL SIGNATURES
SIGNATURES NUMERIQUES BASEES SUR DES OBJETS(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).(72) **COX, George, W.**; 8456 S.W. Mapleridge Drive, Portland, OR 97225 (US). **AUCSMITH, David, W.**; 6995 S.W. Labor Road, Portland, OR 97225 (US). **ONNEN, Paul, E.**; 14720 White Oak Drive, Burnsville, MN 55337 (US).

- (74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 17th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20645** (13) A2
- (21) PCT/US97/19310
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 08/740,946 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 9/32
- (54) IMPROVED TRI-SIGNATURE SECURITY ARCHITECTURE SYSTEMS AND METHODS SYSTEMES ET PROCÉDES AMÉLIORÉS D'ARCHITECTURE DE SÉCURITÉ À TRIPLE SIGNATURE
- (71) **TRI-STRATA SECURITY, INC.** [US/US]; Suite 110, 3 Lagoon Drive, Redwood City, CA 94065 (US).
- (72) **ATALLA, Martin, M.**; 18 Monte Vista, Atherton, CA 94027 (US).
- (74) **MacPHERSON, Alan, H.**; Skjervén, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20646** (13) A2
- (21) PCT/FI97/00673
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 964469 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FI
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 12/00, H04M 15/00, H04Q 3/00
- (54) A SYSTEM AND A METHOD FOR ACCESSING SERVICES SYSTEME ET PROCÉDE POUR ACCÉDER À DES SERVICES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MELEN, Björn** [FI/FI]; Aalto 4 D 72, FIN-02320 Espoo (FI).

- (74) **BORENIUS & CO. OY AB**; Kansakoulukuja 3, FIN-00100 Helsinki (FI).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20647** (13) A1
- (21) PCT/US97/20449
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 60/030,728 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (31) 08/937,129 (32) **24 Sep/sep 1997 (24.09.1997)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 12/18, 29/06
- (54) METHOD AND APPARATUS TO TRANSLATE DATA STREAMS AMONG MULTIPLE PARTIES PROCÉDE ET APPAREIL POUR TRADUIRE DES TRAINS DE DONNÉES PARMI DE MULTIPLES CORRESPONDANTS
- (71) **INTEGRATED TELECOM TECHNOLOGY** [US/US]; Suite 300, 18310 Montgomery Village Avenue, Montgomery Village, MD 20879 (US).
- (72) **CHAUDHRI, Imran**; 11 Argosy Circle, North Potomac, MD 20878 (US). **SEETHARAM, Srini, Wishnu**; 9405 Royal Bennet Terrace, Gaithersburg, MD 20879 (US).
- (74) **LeBLANC, Stephen, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).
- (81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20648** (13) A1
- (21) PCT/US97/02068
- (22) **8 Feb/fév 1997 (08.02.1997)**
- (25) en (26) en
- (31) 08/743,685 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 12/28, 12/413
- (54) METHOD, DEVICE, WIRELESS TRANSCIEVER AND COMPUTER FOR PROVIDING COLLISION DETECTION IN WIRELESS CARRIER SENSE MULTIPLE ACCESS SYSTEMS PROCÉDE, DISPOSITIF, TRANSCÉPTEUR DE DONNÉES SANS FIL ET ORDINATEUR POUR LA DÉTECTION DE COLLISIONS DANS UN SYSTÈME D'ACCÈS MULTIPLE PAR DÉTECTION DE PORTEUSE SANS FIL
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **EASTMOND, Bruce, C.**; 5931 Brookbank Road, Downers Grove, IL 60516 (US). **ALAMEH, Rachid, M.**; Apartment #304, 205 Travis Court, Schaumburg, IL 60195 (US). **SILK, David, S.**; 1404 Knollwood Drive, Palatine, IL 60067 (US). **LINDER, Donald, L.**; 600 West Hellen, Palatine, IL 60067 (US).

- (74) **STOCKLEY, Darleen, J.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20649** (13) A1
- (21) PCT/US97/20592
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/744,438 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 12/413
- (54) NETWORK ADAPTER UTILIZING AN ETHERNET PROTOCOL AND UTILIZING A DIGITAL SUBSCRIBER LINE PHYSICAL LAYER DRIVER ADAPTEUR DE RESEAU UTILISANT UN PROTOCOLE ETHERNET ET UTILISANT UN CIRCUIT DE COMMANDE A COUCHE PHYSIQUE DEPENDANT D'UNE LIGNE D'ABONNE NUMERIQUE
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (72) **BELL, Russell, W.**; 7102 Beauford Drive, Austin, TX 78750 (US).
- (74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20650** (13) A1
- (21) PCT/US97/19593
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 08/742,871 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04L 12/56, H04Q 11/04
- (54) CONFIGURABLE CONNECTION FABRIC FOR PROVIDING SERIAL BACKPLANES WITH ADAPTIVE PORT/MODULE BANDWIDTH MATERIAU DE CONNEXION CONFIGURABLE DESTINE A LA CONSTITUTION DE FONDS DE PANIER SERIE AVEC LARGEUR DE BANDE PORT/MODULE ADAPTATIVE
- (71, 72) **EDHOLM, Philip, K.** [US/US]; 44974 Naragansett Court, Fremont, CA 94539 (US).
- (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20651** (13) A1
(21) PCT/US97/19909
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/744,356 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 12/56, 12/46, 12/44
(54) FAULT-TOLERANT BUTTERFLY SWITCH COMMUTATEUR DU TYPE PAPILLON, INSENSIBLE AUX DEFAILLANCES
(71) **PLURIS, INC.** [US/US]; Suite 212, 260 Sheridan Avenue, Palo Alto, CA 95627 (US).
(72) **ANTONOV, Vadim**; 2307 Coronet Boulevard, Belmont, CA 94002 (US).
(74) **JAKOPIN, David, A.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20652** (13) A1
(21) PCT/US97/20469
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/029,543 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(31) 60/033,029 (32) **12 Dec/déc 1996 (12.12.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 12/56
(54) METHOD AND APPARATUS FOR DETECTING DISABLED PHYSICAL DEVICES AND DETECTING UNDELIVERABLE CELLS PROCEDE ET APPAREIL POUR DETECTER DES PERIPHERIQUES PHYSIQUES INVAILDES ET SUPPRIMER DES CELLULES PERIMEES
(71) **INTEGRATED TELECOM TECHNOLOGY, INC.** [US/US]; Suite 300, 18310 Montgomery Village Avenue, Montgomery Village, MD 20879 (US).
(72) **HOLDEN, Brian**; 936 Azure Street, D1, Sunnyvale, CA 94087 (US). **ALLEYNE, Brian**; 2775 San Carlos Drive, Walnut Creek, CA 94086 (US). **BRAUN, Darren**; 145 Mohave Commons, Fremont, CA 94539 (US).
(74) **ALLEN, Kenneth, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).
(81) CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20653** (13) A1
(21) PCT/CA97/00843
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/745,171 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 12/64, H04Q 11/04
(54) ACCESS TO TELECOMMUNICATIONS NETWORKS IN A MULTISERVICE ENVIRONMENT ACCES A DES RESEAUX DE TELECOMMUNICATIONS DANS UN ENVIRONNEMENT MULTISERVICES
(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
(72) **GOHEEN, Gregory, L.**; 13086 Winston Churchill Boulevard, Terra Cotta, Ontario L0P 1N0 (CA). **FOCSANEANU, Mihai**; 70 Charing Road, Nepean, Ontario K2G 4C5 (CA).
(74) **TOYOOKA, Yoshiharu**; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).
(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20654** (13) A1
(21) PCT/US97/10864
(22) **2 Jul/juill 1997 (02.07.1997)**
(25) en (26) en
(31) 08/743,082 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 25/02
(54) SYSTEM FOR ADAPTIVE TRANSMISSION LINE EQUALIZATION AND MLT-3 TO NRZ DATA CONVERSION SYSTEME POUR EGALISATION ADAPTATIVE DE LIGNE DE TRANSMISSION ET POUR CONVERSION DE MLT-3 EN DONNEES NRZ
(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
(72) **CHENG, Yi**; 1044 S. Blaney Avenue, San Jose, CA 95129 (US).
(74) **ZAHRT, William, D., II**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
(81) IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20655** (13) A1
(21) PCT/SE97/01825
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,015 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 08/943,067 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 25/14, 7/04
(54) MULTI-FRAME SYNCHRONIZATION FOR PARALLEL CHANNEL TRANSMISSIONS SYNCHRONISATION MULTI-TRAMES POUR TRANSMISSIONS PAR VOIES PARALLELES
(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(72) **ANDERSON, Per-Olof**; Äldalsvägen 63, S-165 75 Håsselby (SE). **MALM, Lars**; Infanterigatan 19, S-171 59 Solna (SE). **BAKHUIZEN, Martin**; Helsingörsgratan 48, 4tr, S-164 44 Kista (SE). **CARNEHEIM, Caisa, Eva, Carin**; 100 Quartermaine Court, Cary, NC 27513 (US).
(74) **WIDEBERG, Olle** et al. / etc.; Telefonaktiebolaget LM Ericsson, Patent Dept., S-126 25 Stockholm (SE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20656** (13) A1
(21) PCT/US97/20386
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/746,356 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 25/49
(54) SUPPRESSION OF DC AND LOW FREQUENCIES IN A MODEM SUPPRESSION DU SIGNAL CC ET DES BASSES FREQUENCES DANS UN MODEM
(71) **CIRRUS LOGIC, INC.** [-/US]; 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).
(72) **LONG, Guozhu**; 39721 Potrero Drive, Newark, CA 94560 (US). **HOLM, Gunnar**; Stjarngrand 8, FIN-10900 Hango (FI).
(74) **NGUYEN, Frank** et al. / etc.; 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).
(81) CN IL JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20657** (13) A1
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(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 964715 (32) **7 Nov/nov 1996 (07.11.1996)** (33) NO
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04L 27/12, 27/20, H03M 3/02
(54) A METHOD AND SYSTEM FOR QUADRATURE MODULATION AND DIGITAL-TO-ANALOG CONVERSION PROCEDE ET SYSTEME DE MODULATION EN QUADRATURE ET DE CONVERSION NUMERIQUE-ANALOGIQUE
(71) **NERA ASA** [NO/NO]; Bergerveien 12, N-1362 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIMSTAD, Knut** [NO/NO]; St. Olavsgate 46, N-3112 Tønsberg (NO). **AARSKOG, Alv, I.** [NO/NO]; Undelstadveien 48 B, N-1370 Asker (NO).

(74) **ØVREBØ, Arthur**; Bryns Patentkontor A/S, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20658** (13) A2

(21) PCT/US97/19818

(22) **30 Oct/oct 1997 (30.10.1997)**

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(31) 08/741,597 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M

(54) NON-INVASIVE POWERLINE COMMUNICATIONS SYSTEM
SYSTEME DE COMMUNICATION NON INVASIF A FREQUENCE PORTEUSE SUR LIGNE A HAUTE TENSION

(71) **FOSTER-MILLER, INC.** [US/US]; 350 Second Avenue, Waltham, MA 02154 (US).

(72) **WIESMAN, Richard, M.**; 21 High Rock Road, Wayland, MA 01778 (US). **MASON, Timothy, J.**; 12 West River Road, Uxbridge, MA 01569 (US). **BASTARACHE, Gary, R.**; 86 Hampstead Place, Athol, MA 01331 (US).

(74) **TESKA, Kirk** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02154 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20659** (13) A1

(21) PCT/US97/19271

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/746,246 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M 1/02, H04R 1/20

(54) RADIOTELEPHONE HAVING AN ACOUSTICAL WAVE GUIDE COUPLED TO A SPEAKER
RADIOTELEPHONE DOTE D'UN GUIDE D'ONDES SONORES COUPLE A UN HAUT-PARLEUR

(71) **ERICSSON, INC.** [US/US]; P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **RABE, Karl, W.**; 2A Woodbridge Drive, Chapel Hill, NC 27516 (US).

(74) **BENNETT, David, E.** et al. / etc.; Rhodes, Coats and Bennett, LLP, P.O. Box 5, Raleigh, NC 27602 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **24 Oct/oct 1997 (24.10.1997)**

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(31) 08/744,364 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M 1/02, H04R 1/20

(54) RADIOTELEPHONE HAVING A NON-RESONANT WAVE GUIDE ACOUSTICALLY COUPLED TO A MICROPHONE
RADIOTELEPHONE A GUIDE D'ONDE NON RESONNANT COUPLE ACOUSTIQUEMENT A UN MICROPHONE

(71) **ERICSSON, INC.** [US/US]; P.O. Box 13969, Research Triangle Park, NC 27709-3969 (US).

(72) **RABE, Karl, W.**; 2A Woodbridge Drive, Chapel Hill, NC 27516 (US).

(74) **BENNETT, David, E.** et al. / etc.; Rhodes, Coats & Bennett, LLP, P.O. Box 5, Raleigh, NC 27602 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) PO 3479 (32) **7 Nov/nov 1996 (07.11.1996)** (33) AU

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M 1/04, 1/06

(54) MOBILE PHONE ACCESSORY
ACCESSOIRE POUR TELEPHONE MOBILE

(71) **AUST-INDO TECH PTY. LIMITED** [AU/AU]; 1451 Pittwater Road, Narrabeen, NSW 2101 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MINCHIN, Rodney, L.** [AU/AU]; Lot 41, Mount Broughton Road, Werai via Moss Vale, NSW 2577 (AU). **MINCHIN, Alison, Margaret** [AU/AU]; Lot 41, Mount Broughton Road, Werai via Moss Vale, NSW 2577 (AU).

(74) **SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/FI97/00647

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) fi (26) en

(31) 964412 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M 1/274, H04Q 7/32, 7/28

(54) ESTABLISHING A TELECOMMUNICATION CONNECTION
ETABLISSEMENT D'UNE CONNEXION DE TELECOMMUNICATION

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AHVENAINEN, Jouko** [FI/FI]; Ristolantie 20 A 7, FIN-00320 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20663** (13) A2

(21) PCT/FI97/00650

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) fi (26) en

(31) 964413 (32) **1 Nov/nov 1996 (01.11.1996)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04M 1/274, H04Q 7/32, 7/28

(54) ESTABLISHING A TELECOMMUNICATION CONNECTION
ETABLISSEMENT D'UNE CONNEXION DE TELECOMMUNICATION

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TÖYRYLÄ, Hannu** [FI/FI]; Vaahtokuja 6 D 33, FIN-01600 Vantaa (FI). **AHVENAINEN, Jouko** [FI/FI]; Ristolantie 20 A 7, FIN-00320 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20664** (13) A1
 (21) PCT/EP97/06019
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) de (26) de
 (31) 196 45 259.7 (32) **2 Nov/nov 1996 (02.11.1996)** (33) DE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 1/60
 (54) MOBILE RADIO TELEPHONE ASSEMBLY ENSEMBLE POSTE RADIOTELEPHONIQUE MOBILE
 (71, 72) **PRELLE, Jürgen** [DE/DE]; Schulenhörn 41, D-25421 Pinneberg (DE).
 (74) **JAESCHKE, Rainer**; Wilstedter Weg 24a, D-22851 Norderstedt (DE).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20665** (13) A1
 (21) PCT/US97/20184
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 08/744,101 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 1/72, 1/00
 (54) CELLULAR TELEPHONE INCLUDING LANGUAGE TRANSLATION FEATURE TELEPHONE CELLULAIRE COMPORTANT UNE CARACTERISTIQUE DE TRANSDUCTION
 (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

- (72) **CISTULLI, Steven**; 30 Creeks Edge Street, Durham, NC 27713 (US).
 (74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20666** (13) A2
 (21) PCT/US97/19702
 (22) **29 Oct/oct 1997 (29.10.1997)**
 (25) en (26) en
 (31) 08/743,194 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 3/42, 3/12

- (54) PROGRAMMABLE CALL-CENSORING DEVICE DISPOSITIF PROGRAMMABLE SERVANT A CENSURER DES APPELS
 (71) **GATEWAY 2000, INC.** [US/US]; 610 Gateway Drive, P.O. Box 2000, North Sioux City, SD 57049 (US).
 (72) **NICKUM, Larry, A.**; 2700 South Glass Street, Sioux City, IA 51106 (US).
 (74) **VIKSINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20667** (13) A2
 (21) PCT/US97/20904
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) en (26) en
 (31) 08/740,790 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 3/54
 (54) EXTENDED ACCESS FOR AUTOMATIC CALL DISTRIBUTING SYSTEM ACCES ELARGI POUR SYSTEME DE REPAR-TITION D'APPELS AUTOMATIQUE
 (71) **TELOQUENT COMMUNICATIONS CORPORATION** [US/US]; Four Federal Street, Billerica, MA 01821 (US).
 (72) **BARKAN, Robert, H.**; 9 Meadowbrook Road, Bedford, MA 01730 (US). **DRAGINICH, Lawrence, J.**; 63 Silvermine Road, Boxford, MA 01821 (US). **FRIED, Jeffrey, A.**; 2 Gordon Place, Cambridge, MA 02139 (US).
 (74) **BOOTH, William, E.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
 (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20668** (13) A1
 (21) PCT/US97/19734
 (22) **29 Oct/oct 1997 (29.10.1997)**
 (25) en (26) en
 (31) 08/742,498 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 7/10, 7/14, 1/60, 9/00
 (54) METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING PROCEDE ET APPAREIL POUR INSTALLER UN DISPOSITIF DE MESSAGERIE VOCALE PAR LIGNE TELEPHONIQUE A LA SONNETTE D'UNE PORTE D'HABITATION
 (71, 72) **STUART, John, C.** [US/US]; 7353 West Vogel, Peoria, AZ 85345 (US).
 (74) **NISSLE, Tod, R.**; Tod R. Nissle, P.C., 1st floor, 13845 North Scottsdale Road, Scottsdale, AZ 85254 (US).
 (81) AU BR CA MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/20669** (13) A1
 (21) PCT/US97/20111
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) 08/747,068 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04M 11/00
 (54) HDSL AND POTS CARRIER SYSTEM SYSTEME MULTIPLEX HDSL ET POTS
 (71) **GODIGITAL TELECOMMUNICATIONS** [US/US]; 41305 Albrae Street, Fremont, CA 94538 (US).
 (72) **AKERS, Francis, I.**; 515 Occidental Avenue, San Mateo, CA 94402 (US).
 (74) **LIMBACH, Karl A.**; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).
 (81) AU BR CA IL JP KR MX PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/20670** (13) A2
 (21) PCT/US97/20409
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/745,606 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04N
 (54) APPARATUS AND METHOD TO CONVERT COMPUTER GRAPHICS SIGNALS TO TELEVISION VIDEO SIGNALS WITH VERTICAL AND HORIZONTAL SCALING REQUIRING NO FRAME BUFFERS PROCEDE ET DISPOSITIF DE CONVERSION DE SIGNAUX INFOGRAPHIQUES EN SIGNAUX VIDEO TV AVEC CHANGEMENT D'ECHELLES VERTICALE ET HORIZONTALE SANS UTILISATION DE TAMPON DE TRAME
 (71) **CHRONTEL** [US/US]; 2210 O'Toole Avenue, San Jose, CA 95131-1326 (US).

- (72) **DONOVAN, Timothy, J.**; 311 Duarte Court, Milpitas, CA 95035 (US).
 (74) **WILLIAMS, Gary, S.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
 (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20671** (13) A1
 (21) PCT/IE97/00072
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) en (26) en
 (31) S960777 (32) **6 Nov/nov 1996 (06.11.1996)** (33) IE
 (43) 14 May/mai 1998 (14.05.1998)
 (51)⁶ H04N 1/32
 (54) APPARATUS FOR CAPTURING A FRAME OF VIDEO DATA FOR SENDING TO A PRINTER

APPAREIL PERMETTANT DE CAPTURER UNE TRAME DE DONNEES VIDEO ET DE L'ENVOYER VERS UNE IMPRIMANTE

- (71) **TANGATE LIMITED** [IE/IE]; Rockfell, Baily, County Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YEOMANS, David, Charles** [GB/IE]; Rockfell, Baily, County Dublin (IE). **O'GRADY, Gerard, William** [IE/IE]; 16 Delgany Park, Delgany, County Wicklow (IE).
- (74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20672** (13) A2
(21) PCT/US97/20309
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 8/296830 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(31) 9/282468 (32) **9 Sep/sep 1997 (09.09.1997)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04N 1/32
(54) METHOD AND APPARATUS FOR IMPRINTING ID INFORMATION INTO A DIGITAL CONTENT AND FOR READING OUT THE SAME PROCEDE ET APPAREIL POUR IMPRIMER DES INFORMATIONS D'IDENTIFICATION DANS UN FICHIER NUMERIQUE ET POUR LIRE CES INFORMATIONS
(71) **MONOLITH CO., LTD.** [JP/JP]; 1-7-3, Azabu-juban, Minato-ku, Tokyo 106 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ITO, Hirofumi** [JP/US]; 11500 San Vicente #217, Los Angeles, CA 90049 (US). **YAMASHITA, Shinichi** [JP/JP]; Triaxis Corp., Ltd., 693-47-1, Suenaga, Takatsu-ku, Kawasaki-shi, Kanagawa 213 (JP).
(74) **KANG, Jonathan, Y.** et al. / etc.; Loeb & Loeb LLP, Suite 2200, 10100 Santa Monica Boulevard, Los Angeles, CA 90067 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/20673** (13) A1
(21) PCT/FR97/01946
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) fr (26) fr
(31) 96/13524 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FR
(43) 14 May/mai 1998 (14.05.1998)

- (51)⁶ H04N 1/333
(54) FAX MACHINE WITH AUTOMATIC ADJUSTMENT OF TRANSMISSION PARAMETERS TELECOPIEUR A ADAPTATION AUTOMATIQUE DE PARAMETRES DE TRANSMISSION
(71) **SAGEM S.A.** [FR/FR]; 6, avenue d'Iéna, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CASTET, Philippe** [FR/FR]; 30, rue Lamarck, F-75018 Paris (FR).
(74) **BLOCH & ASSOCIES**; 2, square de l'Avenue du Bois, F-75116 Paris (FR).
(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20674** (13) A1

(21) PCT/JP97/04027

(22) **5 Nov/nov 1997 (05.11.1997)**

- (25) ja (26) ja
(31) 8/293030 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP
(31) 8/293031 (32) **5 Nov/nov 1996 (05.11.1996)** (33) JP
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04N 5/335
(54) DRIVE CONTROL METHOD, IMAGE PICKUP CONTROL METHOD, IMAGE PICKUP CONTROLLER, IMAGE PICKUP SYSTEM, AND IMAGE PICKUP DEVICE FOR IMAGE PICKUP ELEMENT PROCEDE DE COMMANDE D'ATTAQUE, PROCEDE DE COMMANDE DE PRISE D'IMAGE, DISPOSITIF DE COMMANDE DE PRISE D'IMAGE, SYSTEME DE PRISE D'IMAGE ET DISPOSITIF DE PRISE D'IMAGE POUR ELEMENT DE PRISE D'IMAGE
(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FUKUI, Hiroshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP). **SHIMOKAWA, Kikue** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
(74) **KOIKE, Akira** et al. / etc.; Mori Building, No. 11, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP).
(81) CA US.

(11) **WO 98/20675** (13) A1

(21) PCT/US97/20176

(22) **31 Oct/oct 1997 (31.10.1997)**

- (25) en (26) en
(31) 08/742,312 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(31) 08/742,983 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04N 5/44
(54) METHOD AND APPARATUS FOR AUTOMATICALLY IDENTIFYING AND SELECTIVELY ALTERING SEGMENTS OF A TELEVISION BROADCAST SIGNAL IN REAL-TIME

PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT D'IDENTIFIER AUTOMATIQUEMENT ET DE MODIFIER DE MANIERE SELECTIVE DES SEGMENTS DE SIGNAL DE DIFFUSION TELEVISEE EN TEMPS REEL

- (71, 72) **IGGULDEN, Jerry** [US/US]; 21600 Cleardale Street, Santa Clarita, CA 91321 (US).
(74) **HOOVER, George, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
(81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20676** (13) A1
(21) PCT/US97/19778
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 2,189,414 (32) **1 Nov/nov 1996 (01.11.1996)** (33) CA
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04N 7/00, 7/10
(54) SYSTEM AND METHOD FOR ESTIMATING CHARACTERISTICS OF BROADCAST RADIO AUDIENCES SYSTEME ET PROCEDE DE DETERMINATION DES CARACTERISTIQUES D'AUDITOIRES DE RADIODIFFUSION
(71, 72) **WORTHY, David, G.** [US/US]; 819 E. Vaughn, Gilbert, AZ 85234 (US).
(74) **MESCHKOW & GRESHAM, P.L.C.**; Suite 409, 5727 North Seventh Street, Phoenix, AZ 85014 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/20677** (13) A1
(21) PCT/EP97/06032
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) de (26) de
(31) 196 45 435.2 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H04N 7/025, 7/52, 7/088
(54) RADIO BROADCAST SIGNAL AND METHOD FOR PROCESSING THE SAME SIGNAL DES PROGRAMMES DE RADIO-DIFFUSION ET SON PROCEDE DE TRAITEMENT

(71) **INSTITUT FÜR RUNDFUNKTECHNIK GMBH** [DE/DE]; Floriansmühlstrasse 60, D-80939 München (DE).
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(72, 75) **EITZ, Gerhard** [DE/DE]; Narzissenweg 5, D-85586 Poing (DE). **WEISS, Andreas** [DE/DE]; Frobeniusweg 2a, D-81827 München (DE). **BA-REISS, Joachim** [DE/DE]; Strawinskystrasse 22a, D-25337 Elmshorn (DE).

(74) **KONLE, Tilmär**; Benderstrasse 23a, D-80939 München (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20678** (13) A1

(21) PCT/US97/19776

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/743,232 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 7/16

(54) MULTIPLE USER PROFILE REMOTE CONTROL
TELECOMMANDE A MULTIPLES PROFILS D'UTILISATEURS

(71) **GATEWAY 2000, INC.** [US/US]; 610 Gateway Drive, P.O. Box 2000, North Sioux City, SD 57049 (US).

(72) **NICKUM, Larry, A.**; 2700 South Glass Street, Sioux City, IA 51106 (US).

(74) **VIKSNINS, Ann S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20679** (13) A1

(21) PCT/JP97/04050

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/293781 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 7/18

(54) DEVICE AND METHOD FOR DETECTING TRAVELING OBJECT
DISPOSITIF ET PROCEDE PERMETTANT DE DETECTER UN OBJET EN MOUVEMENT

(71) **DOME INC.** [JP/JP]; Ebisu Prime Square Tower, 1-39, Hiroo 1-chome, Shibuya-ku, Tokyo 150 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKUTSU, Hiroyuki** [JP/JP]; 12-22, Nakamachi 3-chome, Setagaya-ku, Tokyo 158 (JP).

(74) **FURUTANI, Hideo** et al. / etc.; 2 Mizukawa-Building, 23-20, Esaka-cho 1-chome, Suita-City, Osaka 564 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20680** (13) A1

(21) PCT/JP97/04034

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/294737 (32) **7 Nov/nov 1996 (07.11.1996)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 7/26

(54) IMAGE ENCODER AND IMAGE DECODER
CODEUR D'IMAGE ET DECODEUR D'IMAGE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMOTO, Taisuke** [JP/JP]; 4-22-11-211, Katahira, Asao-ku, Kawasaki-shi, Kanagawa 215 (JP).

(74) **WASHIDA, Kimihito**; 5th floor, Shintoshicenter Building, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20681** (13) A1

(21) PCT/JP97/04037

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/293512 (32) **6 Nov/nov 1996 (06.11.1996)** (33) JP

(31) 9/62649 (32) **17 Mar/mar 1997 (17.03.1997)** (33) JP

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 7/50, H03M 7/42

(54) IMAGE ENCODING/DECODING METHOD,
IMAGE ENCODER/DECODER AND IMAGE ENCODING/DECODING PROGRAM RECORDING MEDIUM
PROCEDE ET DISPOSITIF DE CODAGE ET DE DECODAGE D'IMAGE ET SUPPORT D'ENREGISTREMENT DE PROGRAMME DE CODAGE ET DE DECODAGE D'IMAGE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
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(72, 75) **BOON, Choong, Seng** [MY/JP]; Room 416, Shatomorioka, 2-5, Toudacho 4-chome, Moriguchi-shi, Osaka 570 (JP).

(74) **HAYASE, Kenichi**; 8F, Ana Building, 17-1, Enokicho, Suita-shi, Osaka 564 (JP).

(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20682** (13) A1

(21) PCT/US97/19530

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/740,966 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 9/31

(54) COLOR AND LUMINANCE CONTROL SYSTEM FOR LIQUID CRYSTAL PROJECTION DISPLAYS
SYSTEME DE REGLAGE DE LA COULEUR ET DE LA LUMINANCE POUR ECRANS DE PROJECTION A CRISTAUX LIQUIDES

(71) **CLARITY VISUAL SYSTEMS, INC.** [US/US]; Suite 3122, 9025 Southwest Hillman Court, Wilsonville, OR 97070 (US).

(72) **CLIFTON, Benjamin, R.**; 13566 South Maplelane Road, Oregon City, OR 97045 (US). **GULICK, Paul, E.**; 24727 Southwest Stafford Road, Tualatin, OR 97062 (US). **FOGARTY, John, P.**; 3878 Kenthorpe Way, West Linn, OR 97068 (US).

(74) **PREISS, Richard, B.**; Stael Rives LLP, Suite 2300, 900 Southwest Fifth Avenue, Portland, OR 97204-1268 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20683** (13) A1

(21) PCT/SG97/00047

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) 9611062-2 (32) **6 Nov/nov 1996 (06.11.1996)** (33) SG

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04N 9/77, 9/68

(54) A METHOD AND APPARATUS FOR CORRECTING COLOUR DIFFERENCE SIGNALS
PROCEDE ET APPAREIL DE CORRECTION DES SIGNAUX DE DIFFERENCE DE COULEUR

(71) **SGS-THOMSON MICROELECTRONICS ASIA PACIFIC (PTE) LTD.** [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).
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(72, 75) **DESPREZ-LE GOARANT, Yann** [FR/SG]; 12 Cactus Drive #05-01, Singapore 809688 (SG). **CHUA, Loo, Kah** [SG/SG]; Block 40, #03-02 St. Patrick's Road, Singapore 424163 (SG).

(74) **DONALDSON & BURKINSHAW**; P.O. Box 3667, Singapore 905667 (SG).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20684** (13) A2

(21) PCT/BR97/00058

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) PI 9605275-9 (32) **17 Oct/oct 1996 (17.10.1996)** (33) BR

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q

(54) COMMUNICATION SYSTEM BY DIFFUSED INFRARED RAYS
SYSTEME DE COMMUNICATION PAR RAYONS INFRAROUGES DIFFUS

(71) **H2T HANDHELD TECHNOLOGY LTDA.** [BR/BR]; Avenida Osmar Cunha, 91, sala 801, Centro - Florianopolis, CEP-Santa Catarina (BR).
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(72, 75) **FARACO GUIMARÃES, Paulo, Cesar** [BR/BR]; Avenida Osmar Cunha, 91, sala 801, Centro - Florianopolis, CEP-Santa Catarina (BR).

(74) **GUERRA FABRIS, Roner;** Rua São Carlos, 1113, Floresta, 90220-121 Porto Alegre, RS (BR).

(81) AL AM AT AU AZ BA BB BG BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20685** (13) A2

(21) PCT/US97/19689

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/743,451 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q

(54) METHOD FOR FREQUENCY PLANNING IN WIRELESS LOCAL LOOP COMMUNICATION SYSTEM
PROCEDE DE PLANIFICATION DE FREQUENCE DANS UN SYSTEME DE COMMUNICATION SANS FIL DE LIGNE D'ABONNE

(71) **AIRNET COMMUNICATIONS CORPORATION** [US/US]; Suite 300, 100 Rialto Place, Melbourne, FL 32901 (US).
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(72, 75) **DONER, John, R.** [-/US]; 611 N. Marlin Circle, Sebastian, FL 32976 (US).

(74) **HARBIN, Lawrence;** FARKAS & MANELLI PLLC, Suite 700, 1233 20th Street, N.W., Washington, DC 20036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20686** (13) A2

(21) PCT/US97/20699

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/746,115 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q

(54) AN AUTOMATION SYSTEM AND METHOD FOR THE PROGRAMMING THEREOF
SYSTEME D'AUTOMATISATION ET PROCEDE DE PROGRAMMATION DUDIT SYSTEME

(71) **AMERITECH SERVICES, INC.** [US/US]; 2000 West Ameritech Drive, Hoffman Estates, IL 60196-1025 (US).
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(72, 75) **BENNETT, Raymond, W.** [US/US]; 26 North Webster, Naperville, IL 60540 (US).

(74) **KADIEVITCH, Natalie, D.;** Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20687** (13) A1

(21) PCT/CA97/00822

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,314 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(31) 08/912,812 (32) **19 Aug/Août 1997 (19.08.1997)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 3/00

(54) A METHOD AND SYSTEM FOR EXTENDING THE DIRECTORY NUMBER OF A TERMINAL
PROCEDE ET SYSTEME DESTINES A ALLONGER LE NUMERO DE TELEPHONE D'UN TERMINAL

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **SHEPHERD, Paul;** 920 Autumn Ridge Drive, McKinney, TX 75070 (US). **CHEN, Jin;** 4129 Mildenhall, Plano, TX 75093 (US). **KULKARNI, Sanjay;** 7200 Sharps Drive, Plano, TX 75025 (US). **MARTINEZ, Edgar;** 432 Grande Heights Drive, Cary, NC 27513 (US). **BENDER, James;** 5636 Spring Valley Road #29D, Dallas, TX 75240 (US). **CAI, De, D.;** Apartment 2082, 5200 Meadowcreek Drive, Dallas, TX 75248 (US). **SINGH, Harinder;** 9912 Waterview Road, Raleigh, NC 27615 (US). **IYENGAR, L., G.;** 1512 Barley Place, Raleigh, NC 27615 (US).

(74) **SMITH, Dallas, F.;** Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station C, Ottawa, Ontario K1Y 4H7 (CA).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/20688** (13) A1

(21) PCT/EP97/04969

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) de (26) de

(31) 196 45 868.4 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 3/00, H04M 15/28

(54) RATING PROCESS AND CIRCUITRY FOR COMMUNICATION NETWORKS
PROCEDE ET CIRCUIT DE TARIFICATION DANS DES RESEAUX DE COMMUNICATIONS

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allee 140, D-53113 Bonn (DE).
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(72, 75) **SCHÖNBORN, Franz** [DE/DE]; Frankens-trasse 15, D-53105 Bonn (DE).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20689** (13) A1

(21) PCT/US97/20112

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,347 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 5/06, 5/10, 5/12, 5/14, 9/06, 9/10, 9/12, 9/14

(54) APPARATUS AND METHOD FOR REDUCING LOW-FREQUENCY DISTORTION IN FREQUENCY CONVERTED SIGNALS
APPAREIL ET PROCEDE CORRESPONDANT PERMETTANT DE REDUIRE UNE DISTORSION DE BASSE FREQUENCE DANS DES SIGNAUX CONVERTIS EN FREQUENCE

(71) **SANIELEVICI, Lucia** [US/US]; 417 Palomar Drive, Redwood City, CA 94062 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANIELEVICI, Sergio** [US/US]; 417 Palomar Drive, Redwood City, CA 94062 (US).

(74) **GALLIANI, William, S.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20690** (13) A2

(21) PCT/US97/19582

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/743,403 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/20

(54) RECYCLABLE CELLULAR TELEPHONE AND SUPPORT WITHIN A CELLULAR TELEPHONE NETWORK
TELEPHONE CELLULAIRE RECYCLABLE ET SES ELEMENTS AUXILIAIRES D'UN RESEAU TELEPHONIQUE CELLULAIRE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **PHILLIPS, John, C.**; 1421 Zeno Road, Apex, NC 27502 (US). **KORNBY, Michael**; 125 Lockwood West, Cary, NC 27511 (US). **BRUNSTROM, Leif**; Palettavagen 25, S-175 47 Jarfalla (SE). **HAYES, John, J., Jr.**; 2408 Canonbie Lane, Wake Forest, NC 27587 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20691** (13) A1

(21) PCT/US97/19416

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/743,451 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/22

(54) METHOD FOR FREQUENCY PLANNING IN WIRELESS LOCAL LOOP COMMUNICATION SYSTEM
PROCEDE DE PLANIFICATION DES FREQUENCES DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL A BOUCLE LOCALE

(71) **AIRNET COMMUNICATIONS CORPORATION** [US/US]; Suite 300, 100 Rialto Place, Melbourne, FL 32901 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DONER, John, R.** [US/US]; 611 N. Marlin Circle, Sebastian, FL 32976 (US).

(74) **FARKAS & MINELLI PLLC**; Suite 700, 1233 20th Street, N.W., Washington, DC 20036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20692** (13) A2

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(25) en (26) en

(31) 08/742,453 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/22

(54) RECYCLABLE CELLULAR TELEPHONE AND SUPPORT WITHIN A CELLULAR TELEPHONE NETWORK ACTING AS A THEME PARK COMMUNICATOR/SCHEDULER
TELEPHONE CELLULAIRE RECYCLABLE ET EXPLOITATION DUDIT TELEPHONE AU SEIN D'UN RESEAU TELEPHONIQUE CELLULAIRE FONCTIONNANT COMME COMMUNICATEUR/PROGRAMMATEUR DANS UN PARC D'ATTRACTIONS A THEME

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **CROUGHWELL, William, J.**; 1400 Armette Avenue, Durham, NC 27707 (US). **OSBORN, William, R.**; 107 Waterloo Station Drive, Cary, NC 27510 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20693** (13) A2

(21) PCT/EP97/06067

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 196 45 433.6 (32) **4 Nov/nov 1996 (04.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/24

(54) COMMUNICATION SYSTEM, MOBILE SERVICES SWITCHING CENTER AND METHOD FOR ESTABLISHING A MULTI-DIALOGUE COMMUNICATION BETWEEN SUBSCRIBER STATIONS
SYSTEME DE COMMUNICATION, CENTRE DE COMMUTATION DE SERVICES MOBILE ET PROCEDE D'ETABLISSEMENT D'UNE COMMUNICATION MULTI-DIALOGUE ENTRE POSTES D'ABONNES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **LOPEZ-TORRES, Oscar**; Nizza Allee 42, D-52072 Aachen (DE).

(74) **VON FISCHERN, Bernhard** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 Munich (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20694** (13) A2

(21) PCT/US97/20011

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/745,390 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/36

(54) DIRECTIONAL FREQUENCY ASSIGNMENT IN A CELLULAR RADIO SYSTEM
ATTRIBUTION DE FREQUENCE DIRECTIONNELLE DANS UN SYSTEME RADIO CELLULAIRE

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

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(72, 75) **FARUQUE, Saleh** [CA/US]; 7617 Tensley Drive, Plano, TX 75025 (US).

(81) BR CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20695** (13) A2

(21) PCT/US97/19536

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/740,699 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/38

(54) SYSTEM AND METHOD FOR IMPROVED PAGING AND LOCATION UPDATING OF MOBILE SUBSCRIBERS
SYSTEME ET PROCEDE AMELIORANT LA MISE A JOUR DE LA RECHERCHE ET DE LA LOCALISATION DES ABONNES MOBILES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **KOLEV, Javor, Petrov**; 1200 Harrier Court, Durham, NC 27713 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20696** (13) A2

(21) PCT/US97/20092

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/743,749 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/38, H04B 7/26, H03M 13/00

(54) METHOD AND APPARATUS FOR COMPRESSING AND TRANSMITTING HIGH SPEED DATA
PROCEDE ET APPAREIL DE COMPRESSION ET DE TRANSMISSION DE DONNEES HAUTE VITESSE

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; Suite 527, 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) **KURTZ, Scott, David**; 283 Amberfield Drive, Mount Laurel, NJ 08054 (US).

(74) **RATNER, Allan** et al. / etc.; Ratner & Prestia, 301 One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20697** (13) A2

(21) PCT/US97/20135

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/743,689 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/38, 7/22

(54) METHOD FOR REDUCING PAGING LOAD IN A CELLULAR COMMUNICATION SYSTEM PROCEDE PERMETTANT DE REDUIRE LA CHARGE DE RADIOMESSAGERIE DANS UN SYSTEME DE COMMUNICATION CELLULAIRE

(71) **BELL NORTHERN RESEARCH, INC.** [US/US]; 35 Davis Drive, Research Triangle Park, NC 27709 (US).
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(72, 75) **SUBRAMANIAN, Sairam** [IN/US]; 3951 High Grove Drive, Dallas, TX 75220 (US). **MADHAVAPEDDY, Seshu, R.** [IN/US]; 2200 Waterview #2024, Richardson, TX 75080 (US). **MONTOYA, Alexander, J.** [US/US]; 14604 Cambridge Court, Addison, TX 75244 (US). **LEE, Hee, C.** [KR/US]; 6417 Glenhollow Drive, Plano, TX 75093 (US). **CURRIN, Steven, J.** [US/US]; 805 Willow Brook, Allen, TX 75002 (US). **SARKAR, Falguni** [IN/US]; 12111 Audelia Road #1512, Dallas, TX 75243 (US).

(74) **CRANE, John, D.**; Northern Telecom Limited, Patent Dept., Mail Stop 991/04/A40, P.O. Box 833858, Richardson, TX 75083-3858 (US).

(81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20698** (13) A2

(21) PCT/US97/20157

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 743,511 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 7/38

(54) METHOD AND APPARATUS FOR PERFORMING POSITION- AND PREFERENCE-BASED SERVICE SELECTION IN A MOBILE TELEPHONE SYSTEM PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT UNE SELECTION DE SERVICES FONDEE SUR LA POSITION ET LA PREFERENCE DANS UN SYSTEME TELEPHONIQUE MOBILE

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **AGRE, Daniel, H.**; 9714 Caminito Mojado, San Diego, CA 92131 (US). **SPARTZ, Michael, K.**; 540 Calle Capistrano, San Marcos, CA 92069 (US). **QUICK, Roy, F.**; 4502 Del Monte Avenue, San Diego, CA 92107 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20699** (13) A1

(21) PCT/DE97/02495

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) de (26) de

(31) 196 46 016.6 (32) **7 Nov/nov 1996 (07.11.1996)** (33) DE

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 11/04

(54) SWITCHING TRANSMISSION UNITS TO AN EQUIVALENT CIRCUIT FOR THE PURPOSES OF BIDIRECTIONAL ASYNCHRONOUS CELL TRANSFER COMMUTATION SUR CIRCUIT EQUIVALENT D'UNITES DE TRANSMISSION AUX FINS DU TRANSFERT BIDIRECTIONNEL DE CELLULES EN MODE ASYNCHRONE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLINK, Joachim** [DE/DE]; Marbachstrasse 20, D-81369 München (DE).

(81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20700** (13) A1

(21) PCT/FI97/00670

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 964454 (32) **6 Nov/nov 1996 (06.11.1996)** (33) FI

(31) 971432 (32) **4 Apr/avr 1997 (04.04.1997)** (33) FI

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 11/04, H04L 12/56

(54) SWITCHING FABRIC MATRICE DE COMMUTATION

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Jian** [CN/FI]; Pihlajamarjantie 13-15 C 1, FIN-02940 Espoo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN-00511 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20701** (13) A1

(21) PCT/IB97/01407

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/746,230 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 11/04

(54) ARCHITECTURE FOR DISTRIBUTION OF VOICE OVER ATM NETWORKS ARCHITECTURE DE DISTRIBUTION VOCALE SUR DES RESEAUX A MODE DE TRANSFERT ASYNCHRONE

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; Station A, P.O. Box 6123, Montreal, Quebec H3C 3J5 (CA).

(72) **BERNSTEIN, Greg, M.**; 4417 Castanos Street, Fremont, CA 94536 (US).

(74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20702** (13) A1

(21) PCT/US97/19495

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/742,164 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H04Q 11/04

(54) METHOD AND APPARATUS FOR PROVIDING A DERIVED DIGITAL TELEPHONE VOICE CHANNEL PROCEDE ET APPAREIL FOURNISSANT UN CANAL TELEPHONIQUE NUMERIQUE VOCAL DERIVE

(71) **AMERITECH CORPORATION** [US/US]; 2000 West Ameritech Drive, Hoffman Estates, IL 60196-1025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALKOE, Wilbur, John, Jr.** [US/US]; 1778 Pebble Beach Drive, Hoffman Estates, IL 60194-1176 (US). **BARBER, James, Stewart** [CA/US]; 6758 Muirlands Drive, LaJolla, CA 92037 (US).

(74) **HETZ, Joseph, F.**; Brinks Hofer Gilson & Lione, Suite 3600, NBC Tower, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20703** (13) A1

(21) PCT/US97/20202

(22) **6 Nov/nov 1997 (06.11.1997)**

- (25) en (26) en (25) en (26) en (22) **3 Nov/nov 1997 (03.11.1997)**
- (31) 60/030,230 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US (31) 60/029,550 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US (25) en (26) en
- (31) 60/029,550 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US (43) 14 May/mai 1998 (14.05.1998) (31) 9622773.1 (32) **1 Nov/nov 1996 (01.11.1996)** (33) GB
- (43) 14 May/mai 1998 (14.05.1998) (51)⁶ H04R 25/00 (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04R 25/00 (54) IMPROVED SUSPENSION FOR HIGH POWER PLEATED RIBBON TRANSDUCER SUSPENSION AMELIOREE POUR TRANSDUCTEUR HAUTE PUISSANCE A RUBAN PLISSE
- (54) IMPROVED HORN LOADED PLEATED RIBBON HIGH FREQUENCY ACOUSTIC TRANSDUCER WITH SUBSTANTIALLY UNIFORM COUPLING TRANSDUCTEUR ACOUSTIQUE HAUTE FREQUENCE PERFECTIONNE A RUBAN PLISSE CHARGE PAR UN PAVILLON ET A COUPLAGE SENSIBLEMENT HOMOGENE
- (71) **CERWIN VEGA, INC.** [US/US]; 555 East Easy Street, Simi Valley, CA 93065 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (71) **CERWIN VEGA, INC.** [US/US]; 555 East Easy Street, Simi Valley, CA 93065 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CZERWINSKI, Eugene, J.** [US/US]; 10300 Lilac Lane, Chatsworth, CA 91311 (US). **KARSTENSEN, Terry** [US/US]; 7815 Zombar Avenue, Van Nuys, CA 91406 (US). **ARMSTRONG, Kirk** [US/US]; 4271 Denny Avenue, Toluca Lake, CA 91602 (US). **VOISHVILLO, Alexander** [RU/RU]; 7420 Santa Susana Pass Road, Simi Valley, CA 93063 (US). **MEGYERI, Laszlo, M.** [US/US]; 127 Donald Avenue, Newbury Park, CA 91320 (US).
- (74) **MAY, John, M.**; Fulbright & Jaworski, L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2571 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/20708** (13) A1
- (21) PCT/US97/19814
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) en (26) en
- (31) 08/742,460 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04S 3/00
- (54) MULTICHANNEL ACTIVE MATRIX ENCODER AND DECODER WITH MAXIMUM LATERAL SEPARATION CODEUR ET DECODEUR MULTIVOIE A MATRICE ACTIVE ET SEPARATION LATERALE MAXIMALE
- (71, 72) **GRIESINGER, David** [US/US]; 23 Bellevue Avenue, Cambridge, MA 02140 (US).
- (74) **MCCOMBS, David** et al. / etc.; Haynes and Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/20709** (13) A1
- (21) PCT/US97/19825
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 08/743,776 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US
- (43) 14 May/mai 1998 (14.05.1998)
- (51)⁶ H04S 3/00, 1/00
- (54) MULTI-CHANNEL AUDIO ENHANCEMENT SYSTEM FOR USE IN RECORDING AND PLAYBACK AND METHODS FOR PROVIDING SAME

- SYSTEME D'AMPLIFICATION ACOUSTIQUE A CANAUX MULTIPLES POUVANT ETRE UTILISE POUR L'ENREGISTREMENT ET LA LECTURE ET PROCEDES DE MISE EN OEUVRE DUDIT SYSTEME
- (71) **SRS LABS, INC.** [US/US]; 2909 Daimler Street, Santa Ana, CA 92705 (US).
- (72) **KLAYMAN, Arnold, I.**; 16821 Phelps Lane, Huntington Beach, CA 92649 (US). **KRAEMER, Alan, D.**; 17661 Shadel Drive, Tustin, CA 92680 (US).
- (74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
- (11) **WO 98/20710** (13) A1
(21) PCT/US97/20134
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/745,884 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05B 1/02
- (54) RESETTABLE SAFETY CIRCUIT FOR PTC ELECTRIC BLANKETS AND THE LIKE
CIRCUIT DE SECURITE A REENCLENCEMENT POUR COUVERTURE ELECTRIQUE A COEFFICIENT POSITIF DE TEMPERATURE ET ANALOGUE
- (71) **MICRO WEISS ELECTRONICS** [US/US]; 89 Bell Street, West Babylon, NY 11704 (US).
- (72) **WEISS, John**; 8 Biscayne Drive, Mount Sinai, NY 11766 (US).
- (74) **HOLTZ, Leonard** et al. / etc.; Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue, New York, NY 10017-2023 (US).
- (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20711** (13) A1
(21) PCT/EP97/06166
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) de (26) de
(31) 296 19 279.1 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DE
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05B 3/14, 3/34, H05K 9/00
- (54) ELECTRICALLY HEATABLE DEVICE
DISPOSITIF DE CHAUFFAGE ELECTRIQUE
- (71) **BECKMANN VERSAND GMBH** [DE/DE]; Bahnhofplatz 9, D-82481 Mittenwald (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECKMANN, Rolf** [DE/DE]; Lerchenauers-
trasse 9, D-80809 München (DE).
- (74) **GOSSEL, Hans-Karl** et al. / etc.; Widenmayers-
trasse 23, D-80538 München (DE).
- (81) CA CN NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/20712** (13) A1
(21) PCT/EP97/06260
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) de (26) de
(31) 96250255.5 (32) **6 Nov/nov 1996 (06.11.1996)** (33) EP
(34) DE et al. / etc.
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05K 3/18, C23C 18/16
- (54) METHOD FOR STRUCTURING SYNTHETIC SURFACES, SPECIALLY FOR PRODUCING DATA CARRIERS TO STORE DATA
PROCEDE DE STRUCTURATION DE SURFACES EN MATIERE PLASTIQUE, EN PARTICULIER POUR LA PRODUCTION DE SUPPORTS DE DONNEES POUR MEMORISATION DE DONNEES
- (71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE];
Erasmusstrasse 20-24, D-10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUGGEMOS, Michael** [DE/DE]; Luisens-
trasse 44, D-14532 Stahnsdorf (DE). **KOHNLE, Franz** [DE/DE]; Alt Rudow 36A, D-12357 Berlin (DE). **GEDRAT, Klaus** [DE/DE]; Fürstendamm 34, D-13465 Berlin (DE).
- (74) **EFFERT, BRESSEL UND KOLLEGEN**; Radi-
ckestrasse 48, D-12489 Berlin (DE).
- (81) BR CA CN JP US.
- Published / Publiée : (c)
- (11) **WO 98/20713** (13) A1
(21) PCT/US97/18971
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) en (26) en
(31) 08/745,974 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05K 3/28, 3/00
- (54) DIMENSIONALLY STABLE SOLDER MASK MATERIAL AND METHOD OF APPLICATION
MATERIAU DE MASQUAGE DE SOUDURES DE DIMENSIONS STABLES ET PROCEDE D'APPLICATION
- (71) **W.L. GORE & ASSOCIATES, INC.** [US/US];
551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) **PETEFISH, William, George**; 3873 Gunnes
Road, Eau Claire, WI 54701 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore &
Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/20714** (13) A1
(21) PCT/US97/20018
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/744,595 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05K 3/36, H01R 9/09, 23/70
- (54) FOLDABLE ELECTRONIC ASSEMBLY MODULE
MODULE ENSEMBLE ELECTRONIQUE PLIABLE
- (71) **DYNAMEM, INC.** [US/US]; 9715 Carroll Center
Road, San Diego, CA 92126 (US).
- (72) **SMITH, Gary, W.**; 12376 Oakwood Road, San
Diego, CA 92129 (US).
- (74) **GORDON, Peter, J.**; Wolf, Greenfield & Sacks,
P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/20715** (13) A1
(21) PCT/US97/18992
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) en (26) en
(31) 08/752,496 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 14 May/mai 1998 (14.05.1998)
(51)⁶ H05K 3/46, 3/36
- (54) INTERCONNECTED MULTI-LAYER CIRCUIT BOARDS
CIRCUITS MULTICOUCHES INTERCONNECTES
- (71) **W.L. GORE & ASSOCIATES, INC.** [US/US];
551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).
- (72) **MEOLA, Carmine, G.**; 87 Cambridge Road,
Elkton, MD 21921 (US). **SUILMANN, Deanna, M.**; 14233 125th Street, Bloomer, WI 54724 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore &
Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/20716** (13) A1
(21) PCT/US97/19099
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) en (26) en
(31) 08/752,493 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H05K 3/46, H01L 21/66, G01B 7/31

(54) ELECTRICAL MEANS FOR EXTRACTING LAYER TO LAYER REGISTRATION SYSTEME ELECTRIQUE POUR EXTRAIRE L'ALIGNEMENT DE COUCHE A COUCHE

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).(72) **HANSON, David, A.**; 6801 South Shore Drive, Altoona, WI 54720 (US).(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20717** (13) A1

(21) PCT/DK97/00506

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 1247/96 (32) **6 Nov/nov 1996 (06.11.1996)** (33) DK

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H05K 7/14, 1/14, 7/20, H01R 23/68

(54) A BOARD MAGAZINE FOR PRINTED CIRCUIT BOARDS MAGASIN POUR CARTES A CIRCUIT IMPRIME

(71) **DSC COMMUNICATIONS A/S** [DK/DK]; Lautrupbjerg 7-11, DK-2750 Ballerup (DK). (for all designated States except / pour tous les États désignés sauf US)(72, 75) **DAUGAARD, Kim** [DK/DK]; Nyvej 5A, DK-4000 Roskilde (DK).(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20718** (13) A1

(21) PCT/US97/19309

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/746,064 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H05K 7/20

(54) HEAT SINK-LEAD FRAME STRUCTURE STRUCTURE A RESEAU DE CONDUCTEURS ET DISSIPATEUR DE CHALEUR

(71) **SILICONIX INCORPORATED** [US/US]; 2201 Laurelwood Road, Santa Clara, CA 95054-0951 (US).(72) **KASEM, Mohammed**; 2321 Regina Court, Santa Clara, CA 95054 (US). **SHINE, Carl**; 11592 Bridge Park Court, Cupertino, CA 95014 (US).(74) **HEID, David, W.** et al. / etc.; Skjervens, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/20719** (13) A1

(21) PCT/US97/20746

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,788 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H05K 9/00, H01B 1/14, 1/16, 1/20, 1/22, B22F 7/00

(54) MATERIALS FOR RADIO FREQUENCY/ELECTROMAGNETIC INTERFERENCE SHIELDING MATERIAUX POUR BLINDAGE CONTRE LES INTERFERENCES HAUTES FREQUENCES/ELECTROMAGNETIQUES

(71) **THE JPM COMPANY, INC.** [US/US]; Route 15 North, Lewisburg, PA 17837 (US). (for all designated States except / pour tous les États désignés sauf US)(72, 75) **VANDINE, Robert, W.** [US/US]; R.R. 1, Box 283, Montoursville, PA 17754 (US). **JOHNSON, George, E.** [US/US]; 2218 Jones Lane, Wilmington, DE 19810 (US). **LANGTON, Robert** [US/US]; 63 Beth Ellen Drive, Lewisburg, PA 17837 (US).(74) **LUTHER, John, P.**; Duane, Morris & Heckscher, LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(43) 14 May/mai 1998 (14.05.1998)

(51)⁶ H05K 13/00, 13/04

(54) HEATER IN A CONVEYOR SYSTEM ELEMENT CHAUFFANT DE SYSTEME A BANDE TRANSPORTEUSE

(71) **CAMELOT SYSTEMS, INC.** [US/US]; 145 Ward Hill Avenue, Haverhill, MA 01835 (US).(72) **CAVALLARO, William, A.**; 57 Bradford Avenue, Bradford, MA 01835 (US).(74) **DIENER, Michael, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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